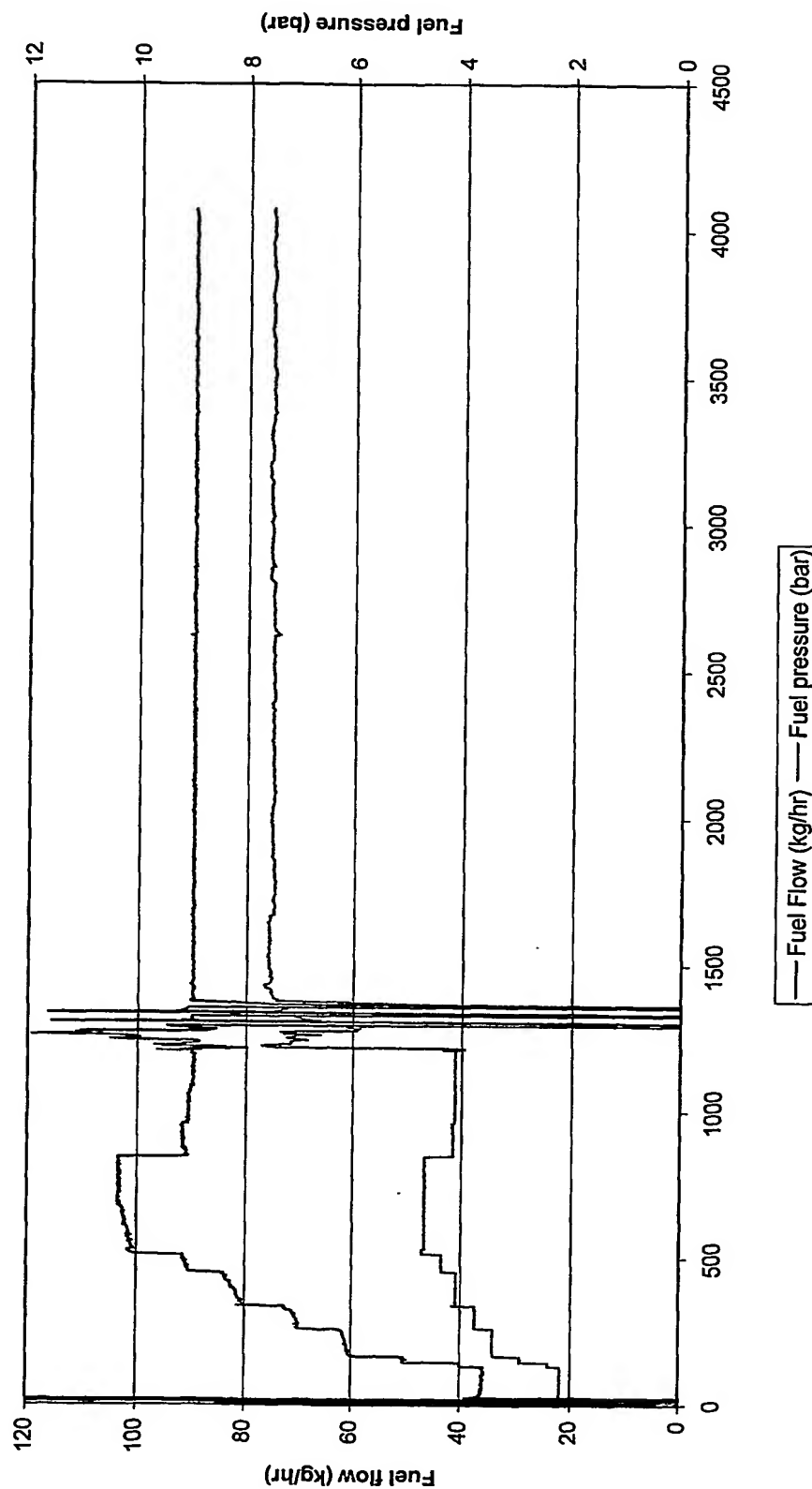


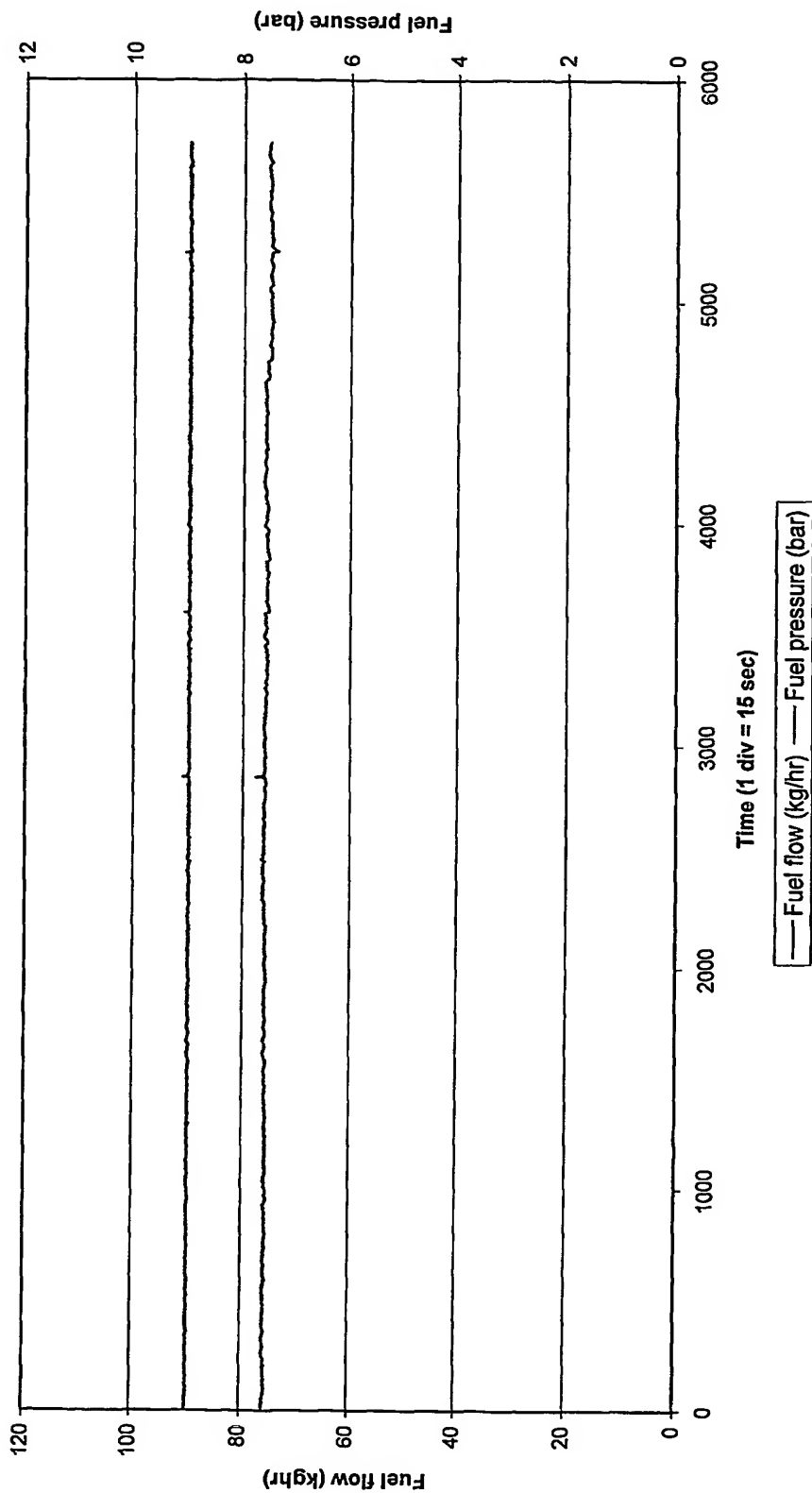
1/54

Figure 1a Fuel flowrates (Day 1)



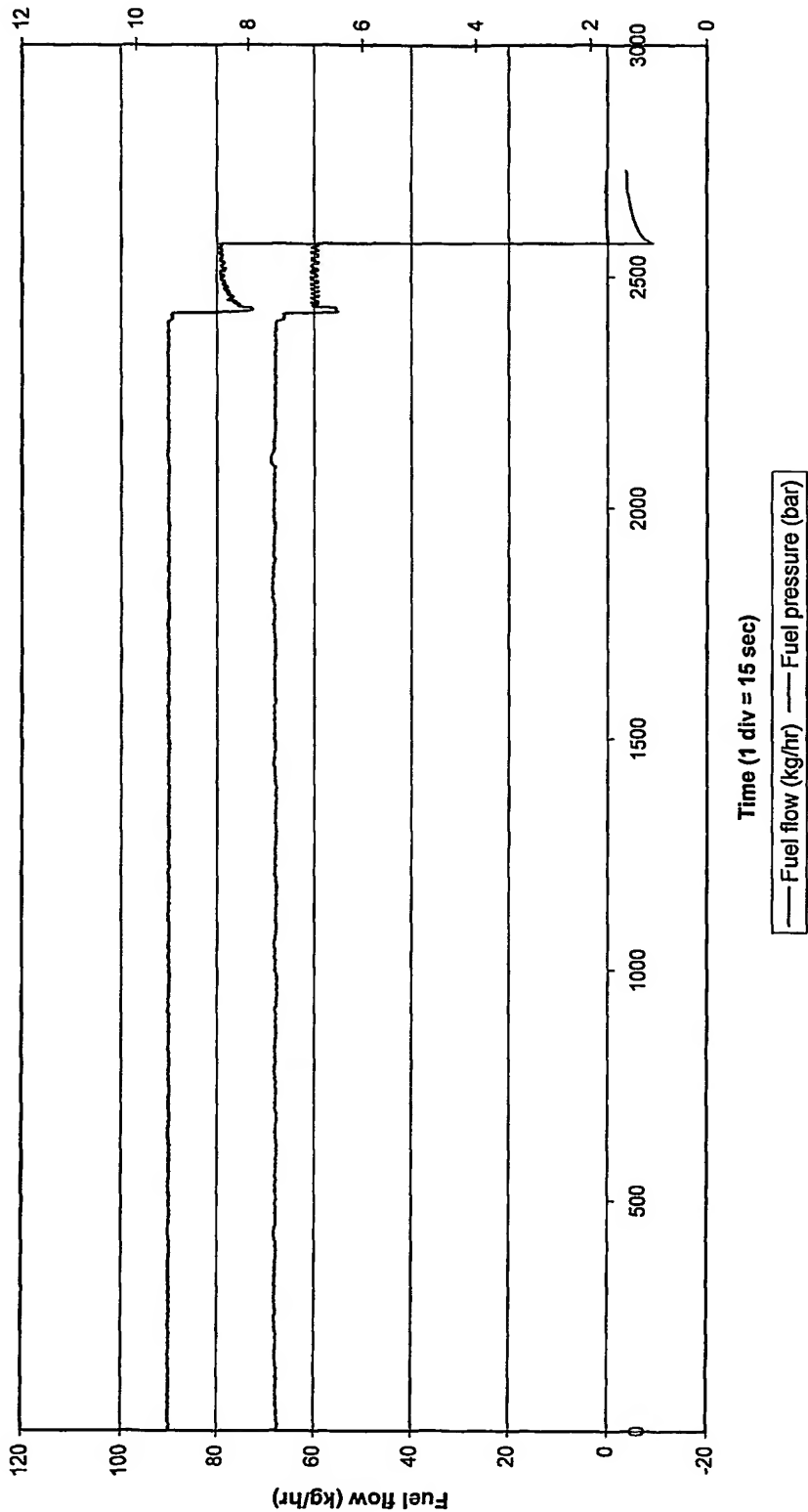
2/54

Figure 1b Fuel flow and firing pressure (Day 2)



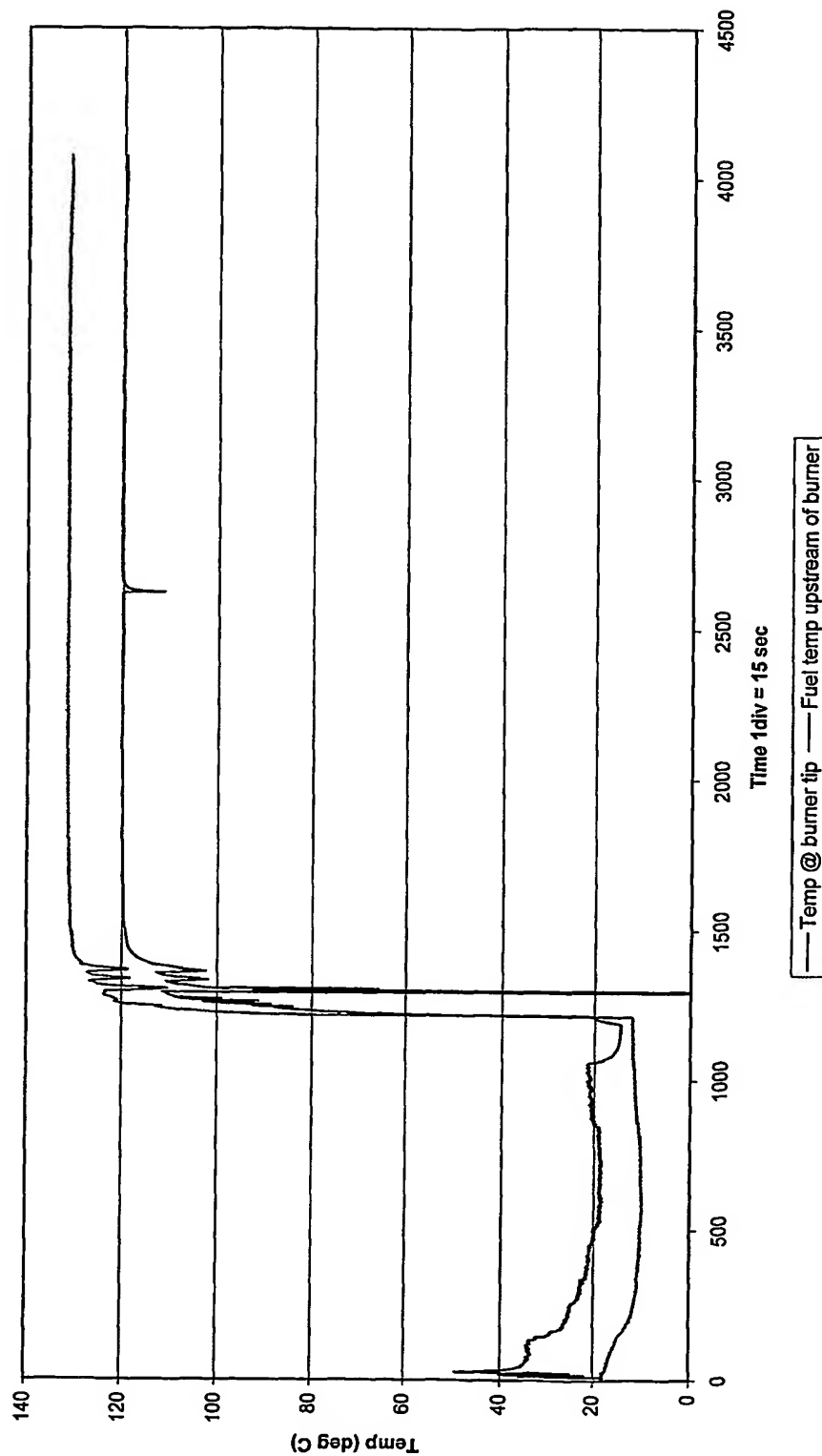
3/54

Figure 1c - Fuel flow and pressure (Day 3)



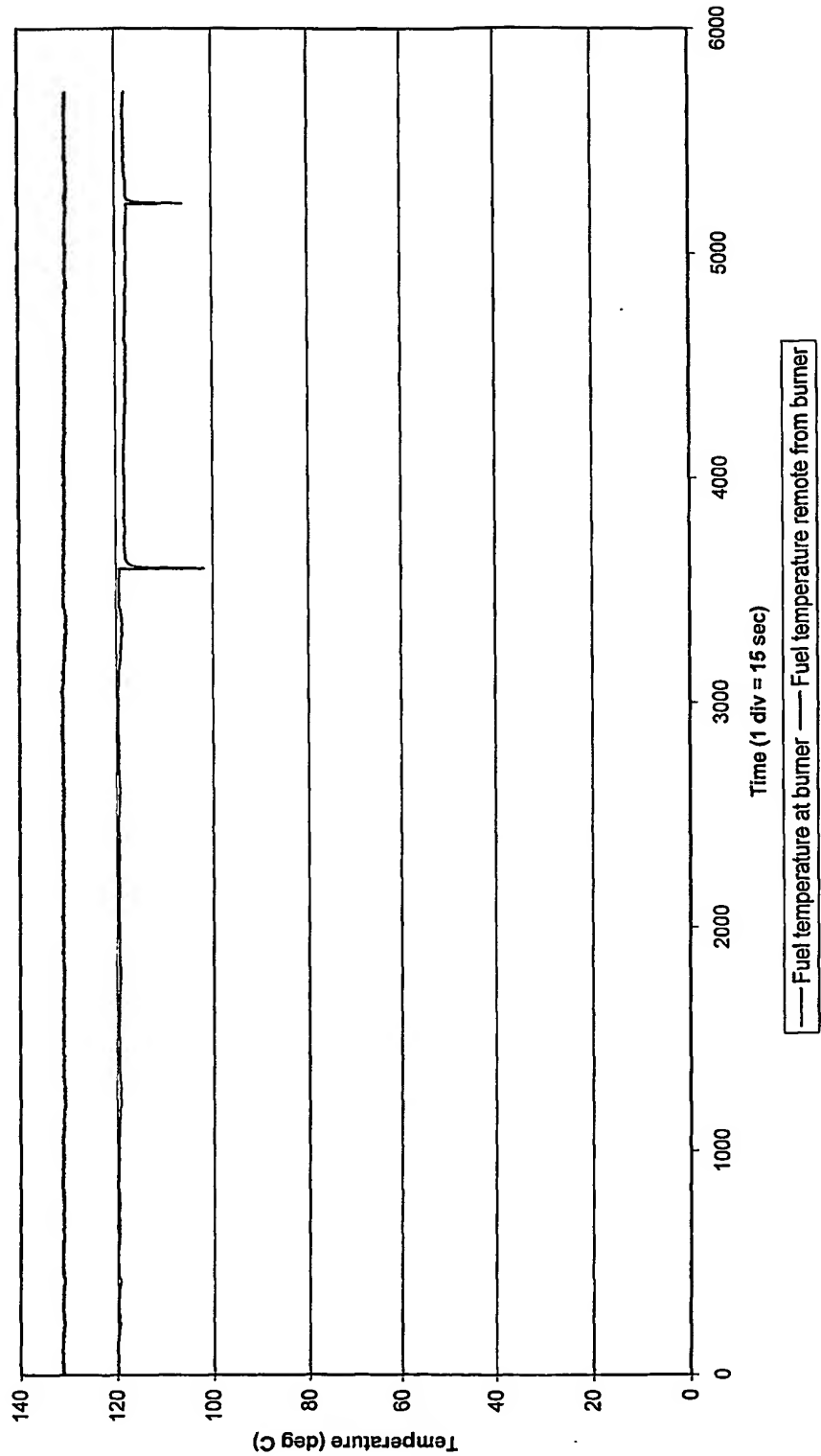
4/54

Figure 2a - Fuel temperature (Day 1)



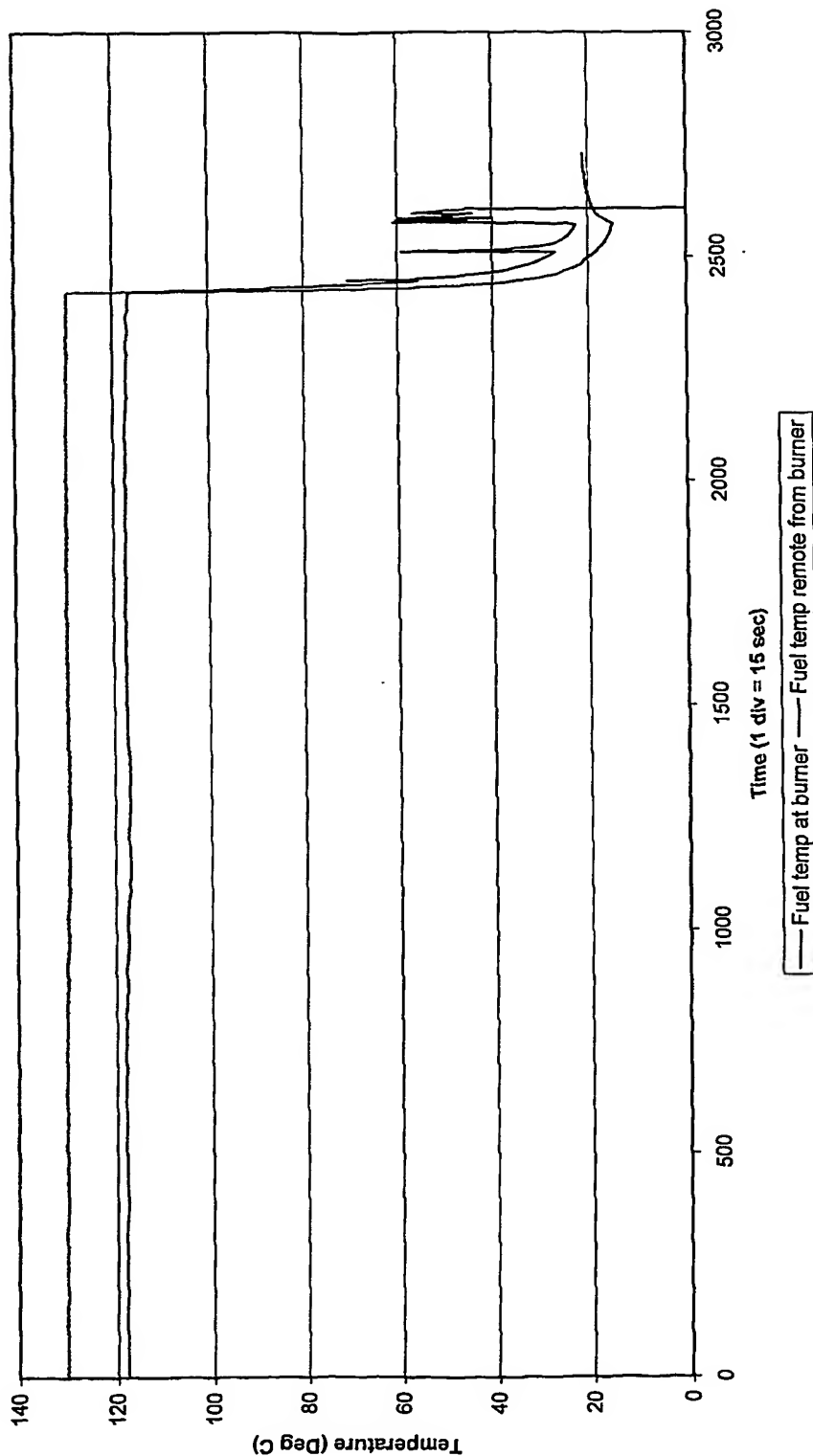
5/54

Figure 2b - Fuel temperature (Day 2)



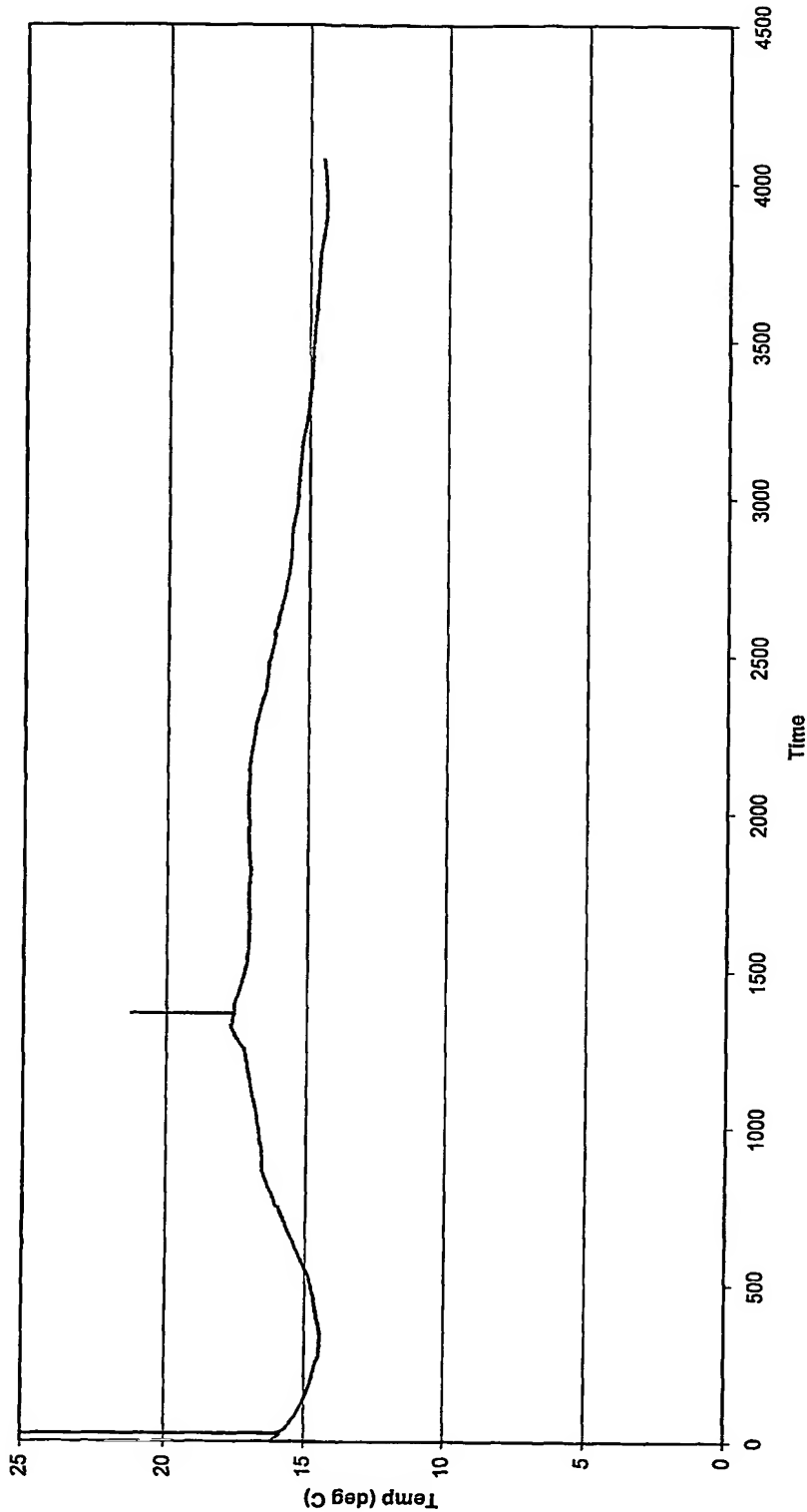
6/54

Figure 2c - Fuel temperature (Day 3)



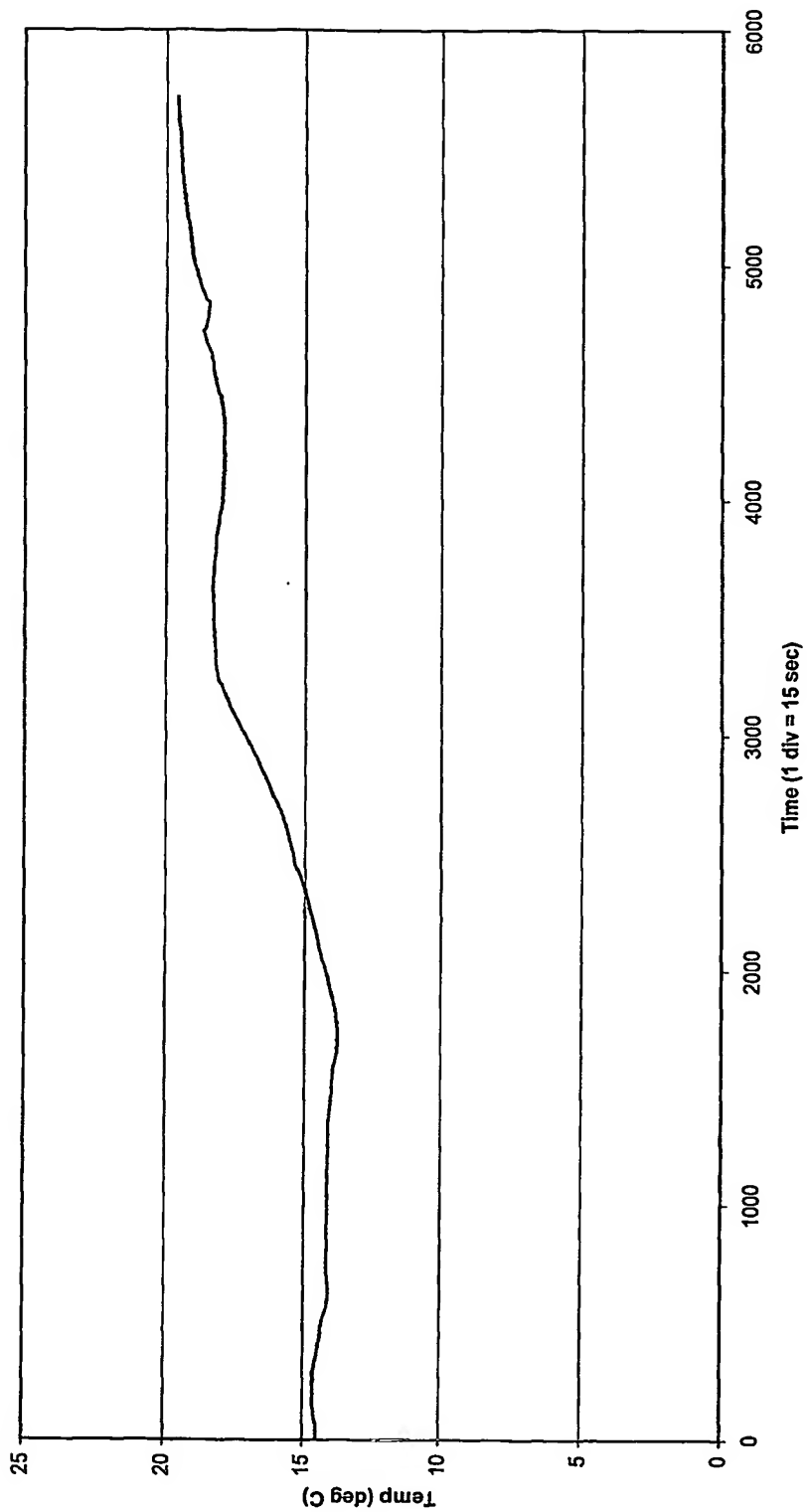
7/54

Figure 3a Windbox temp (Day 1)



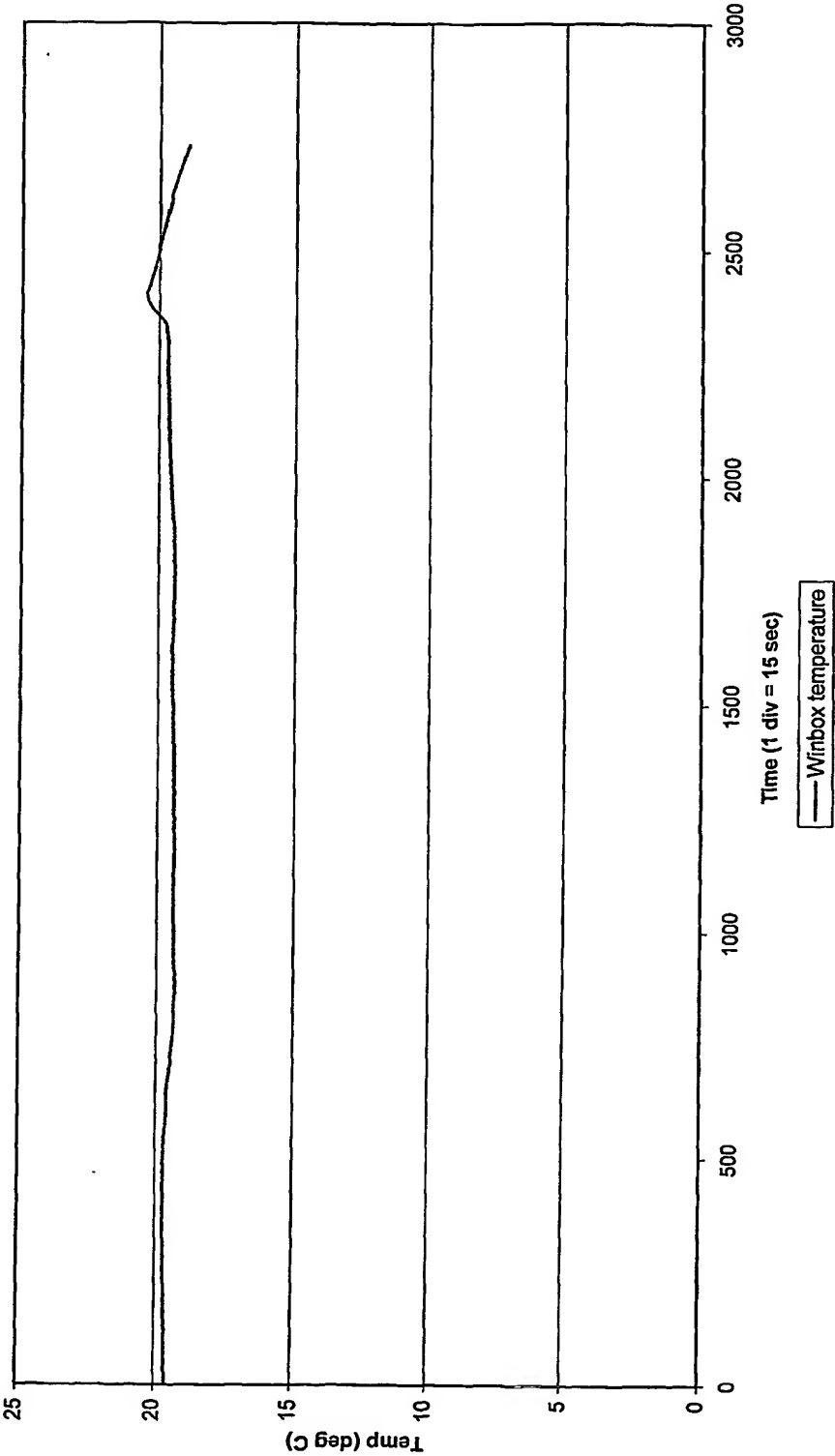
8/54

Fig 3b Windbox temperature (Day 2)



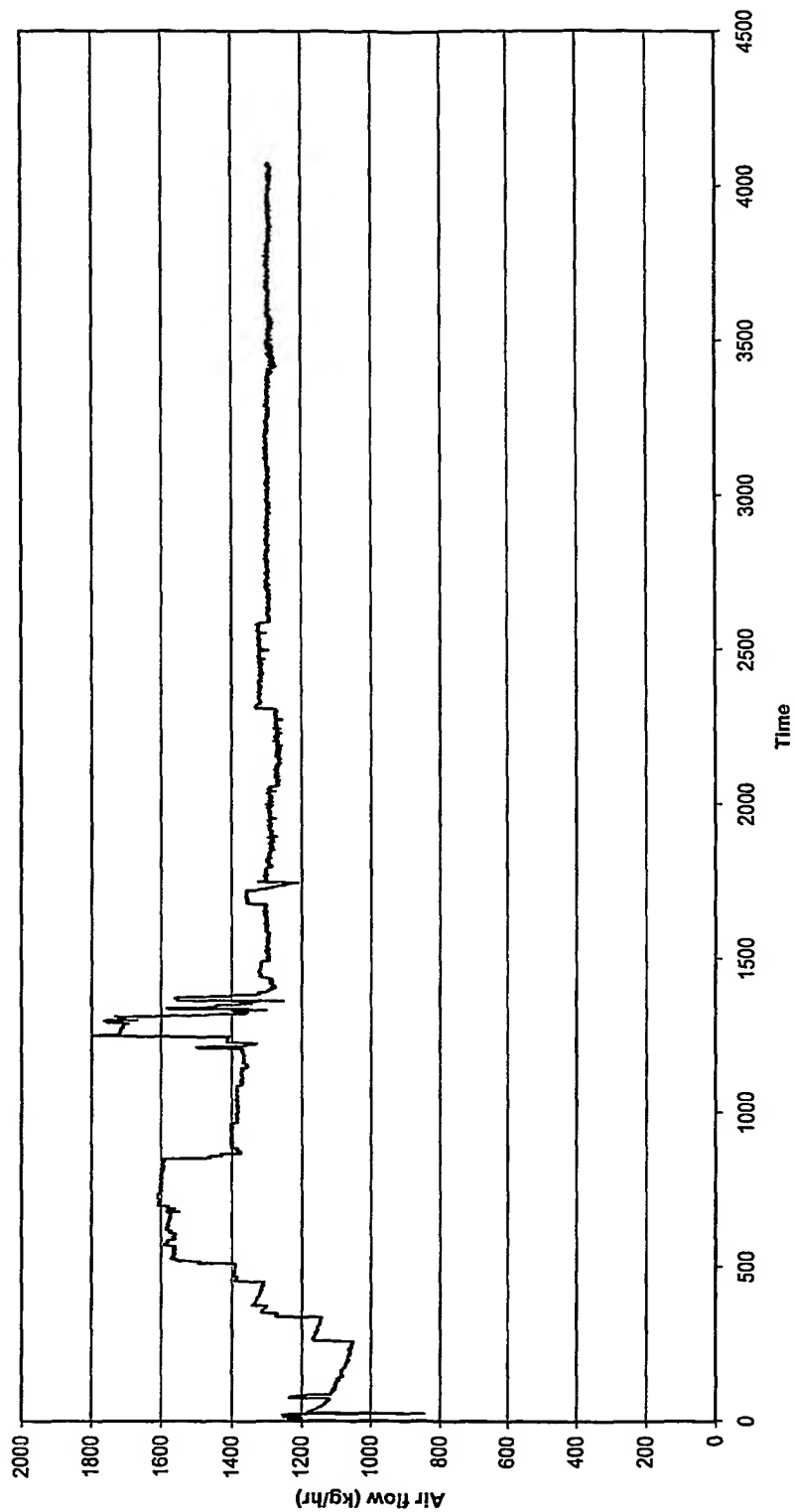
9/54

Figure 3c - Winbox temperature (Day 3)



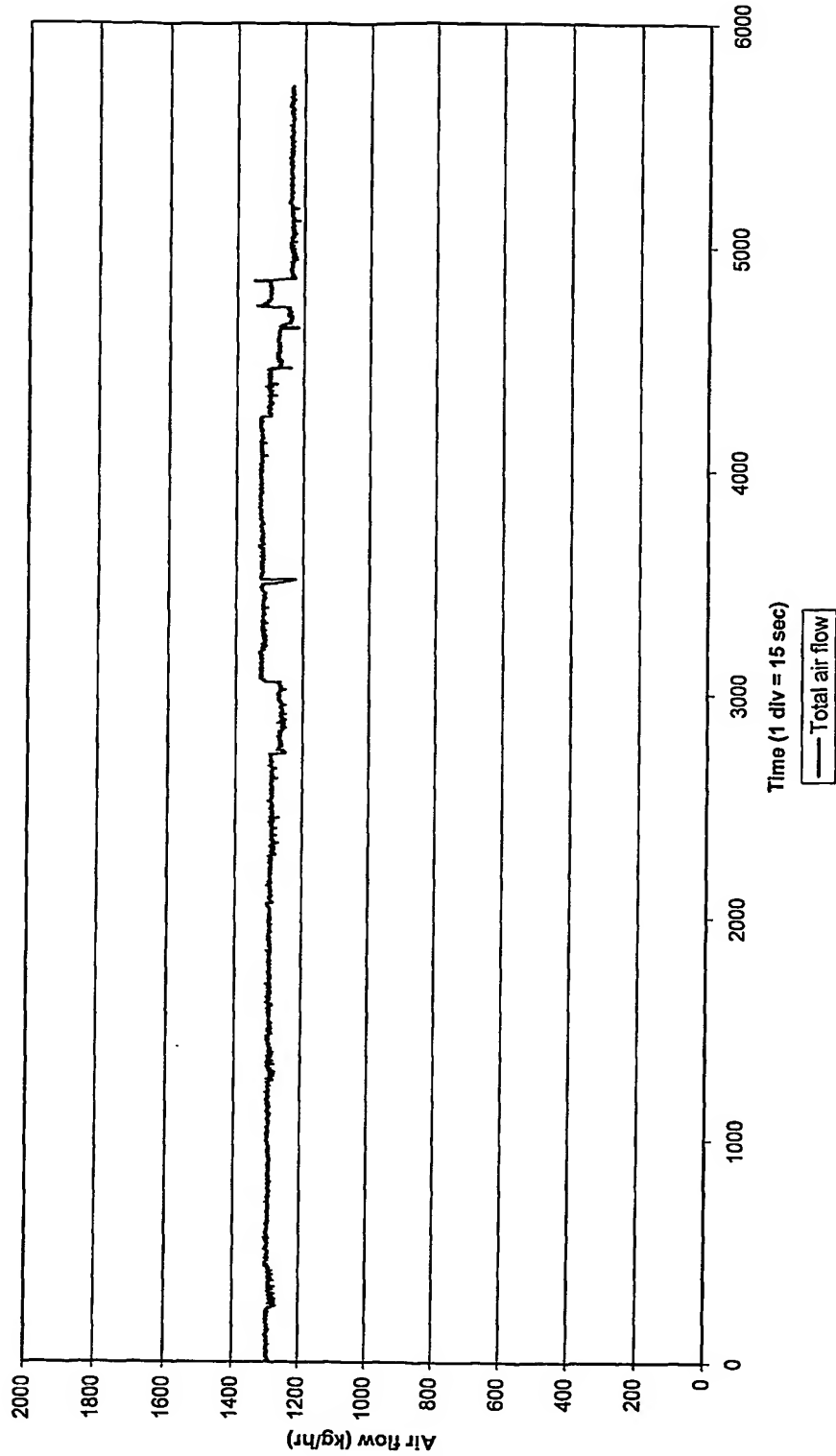
10/54

Fig 4a - Total air flow (Day 1)



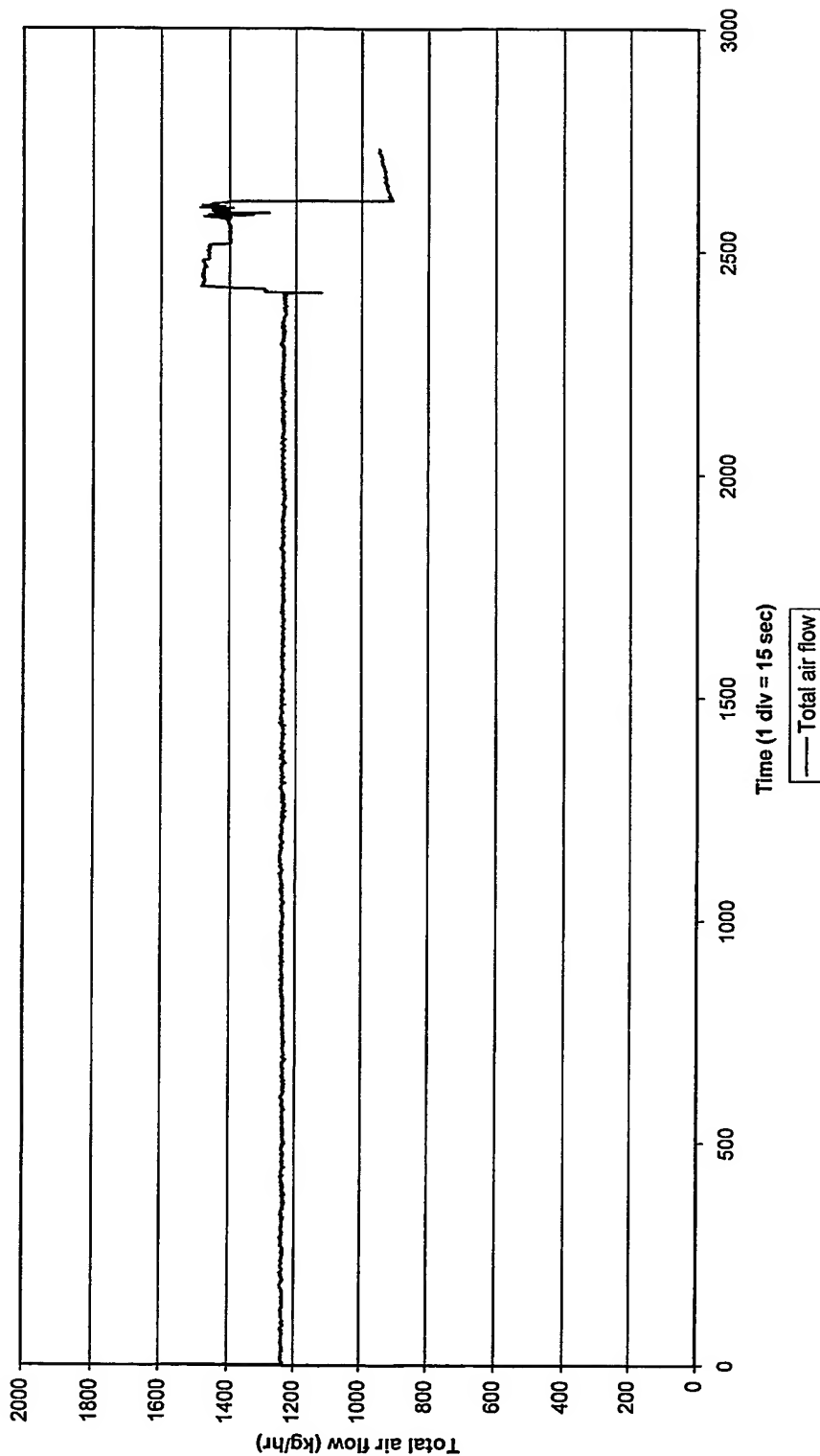
11/54

Figure 4b - Total air flow (Day 2)



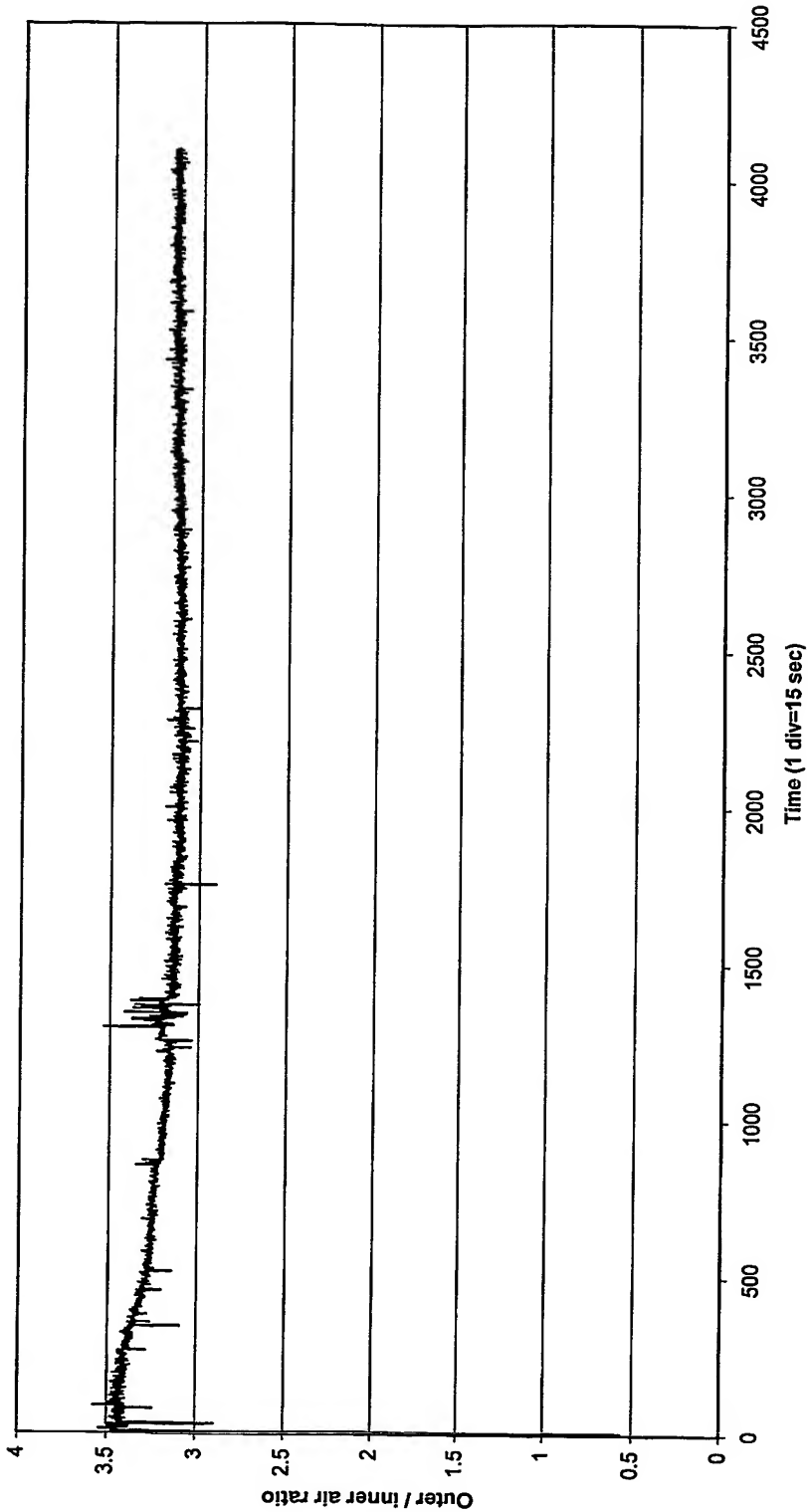
12/54

Fig 4c - Total air flow (Day 3)



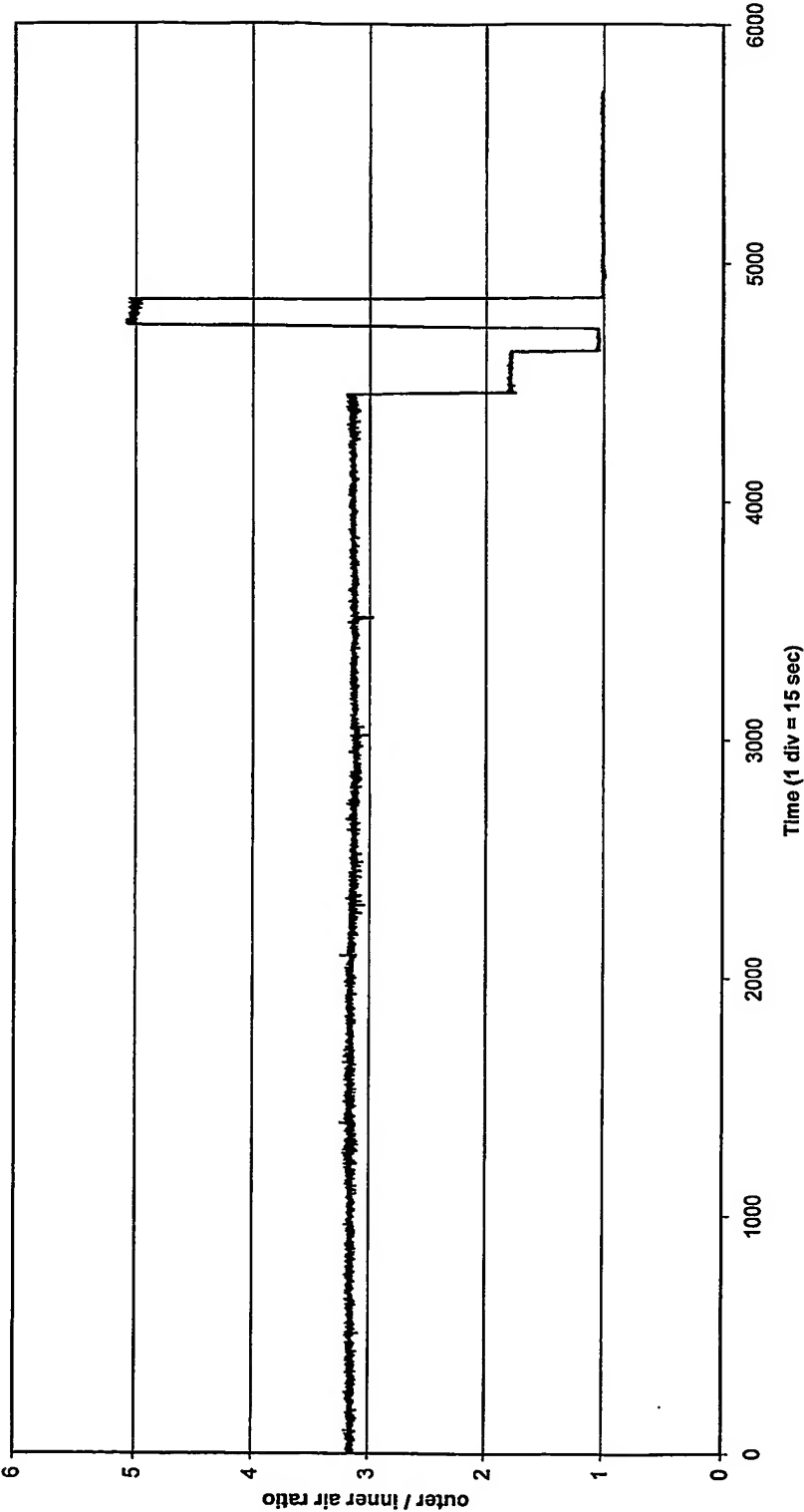
13/54

Figure 5a - Outer / inner air ratio (Day 1)



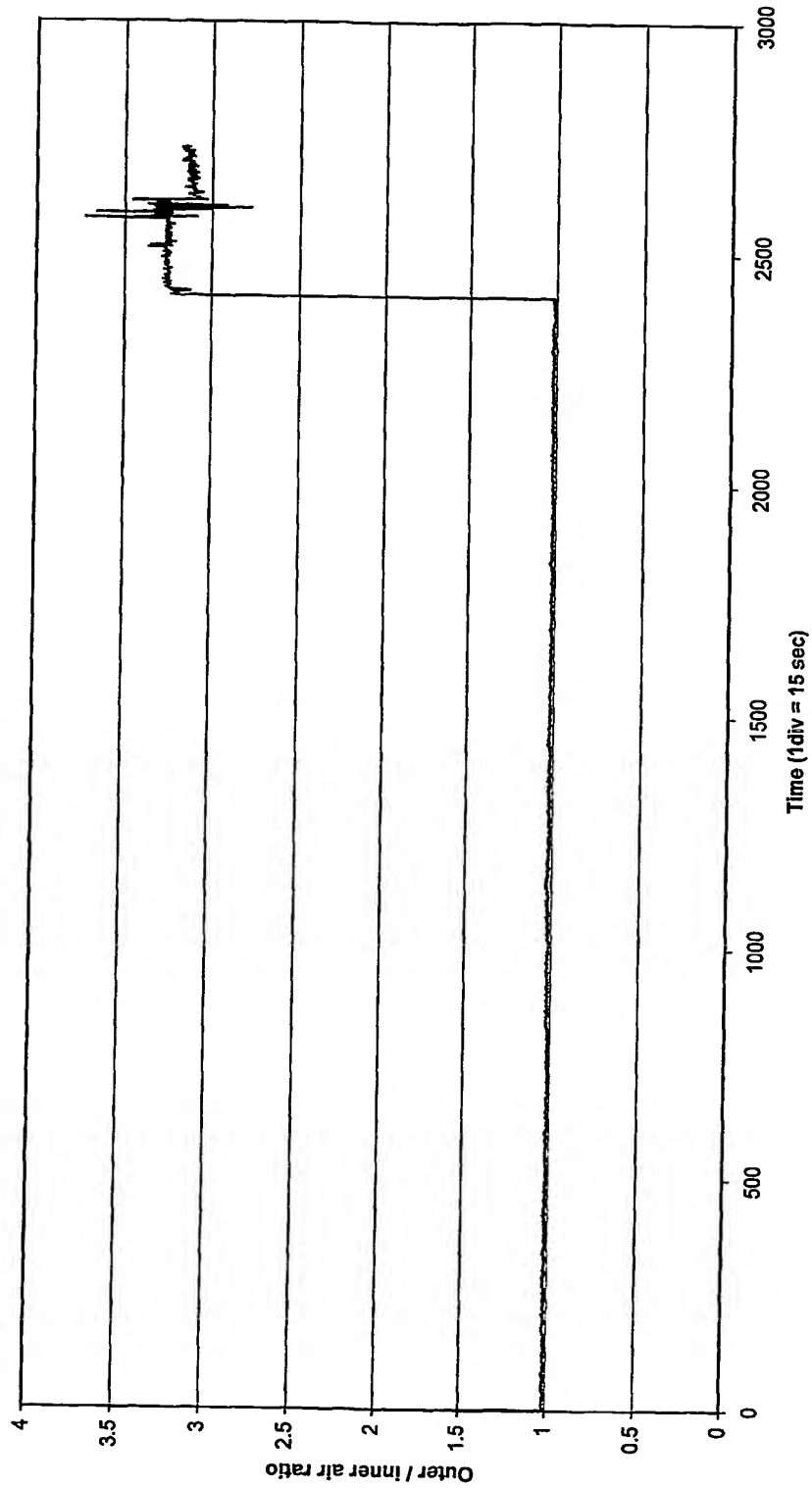
14/54

Figure 5b Outer / inner air ratio (Day 2)



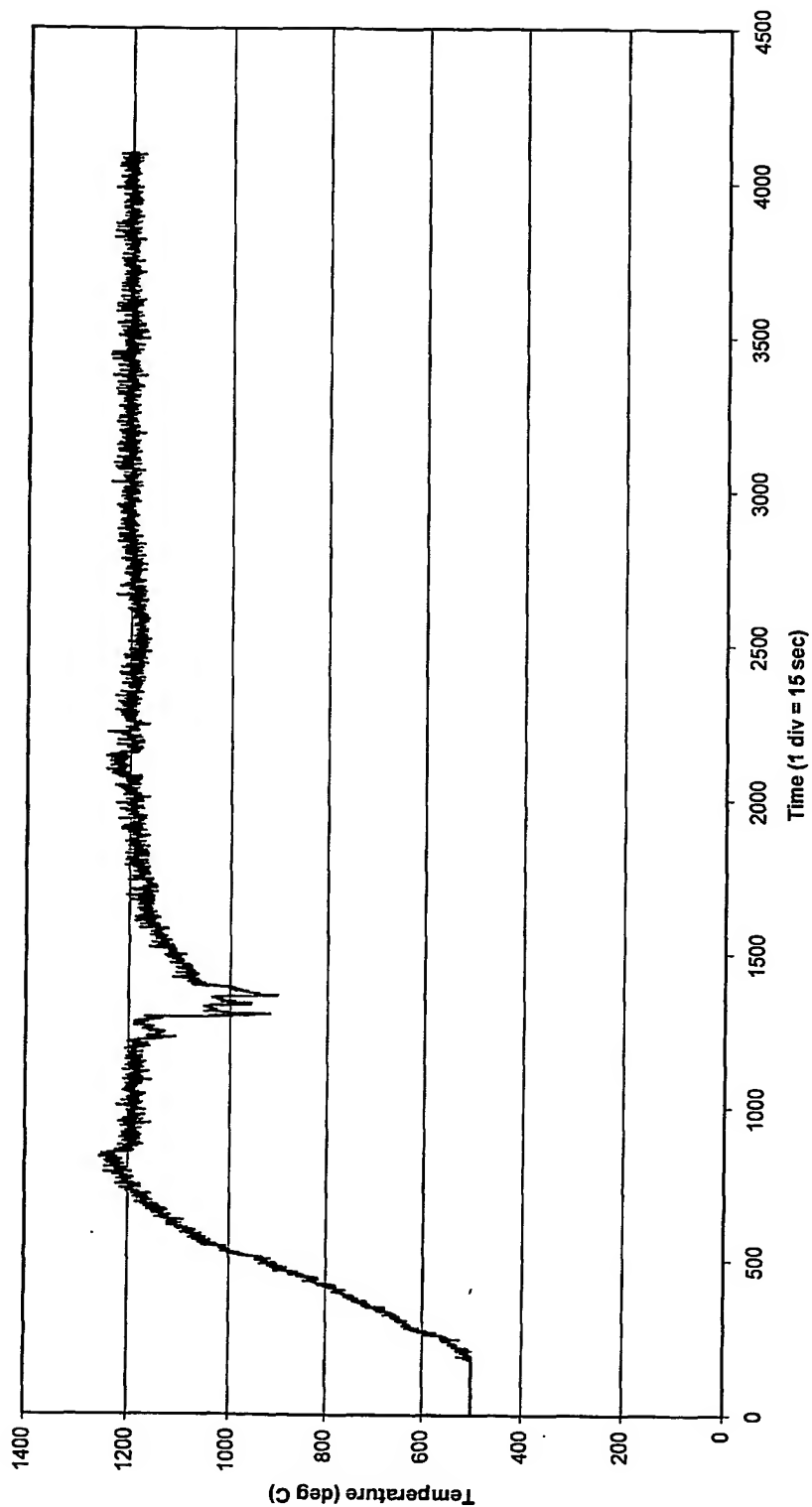
15/54

Figure 5c Air flow ratio (Day 3)



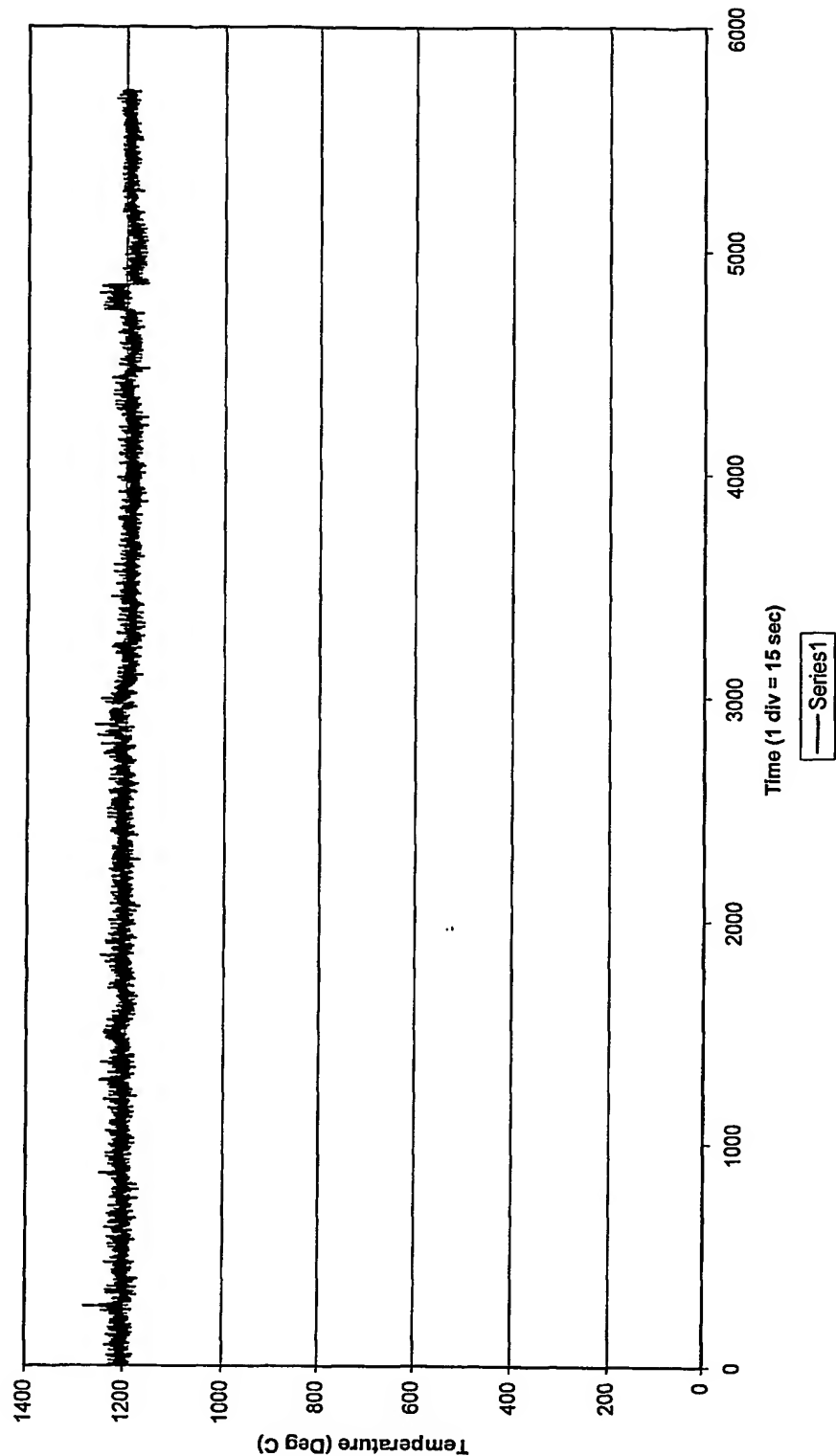
16/54

Figure 6a Combustion chamber temperature (Day 1)



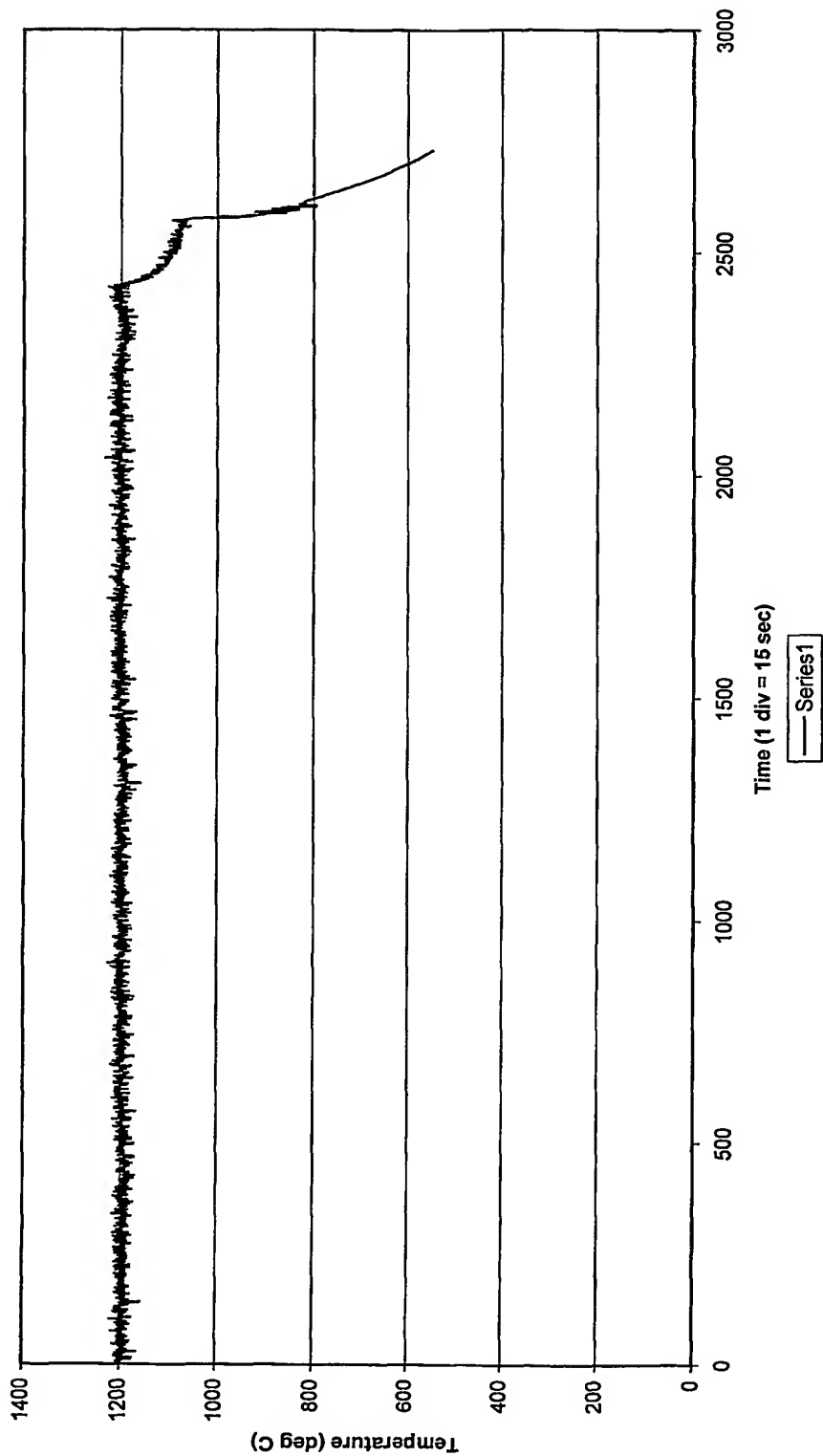
17/54

Figure 6b Combustion chamber temperature (Day 2)



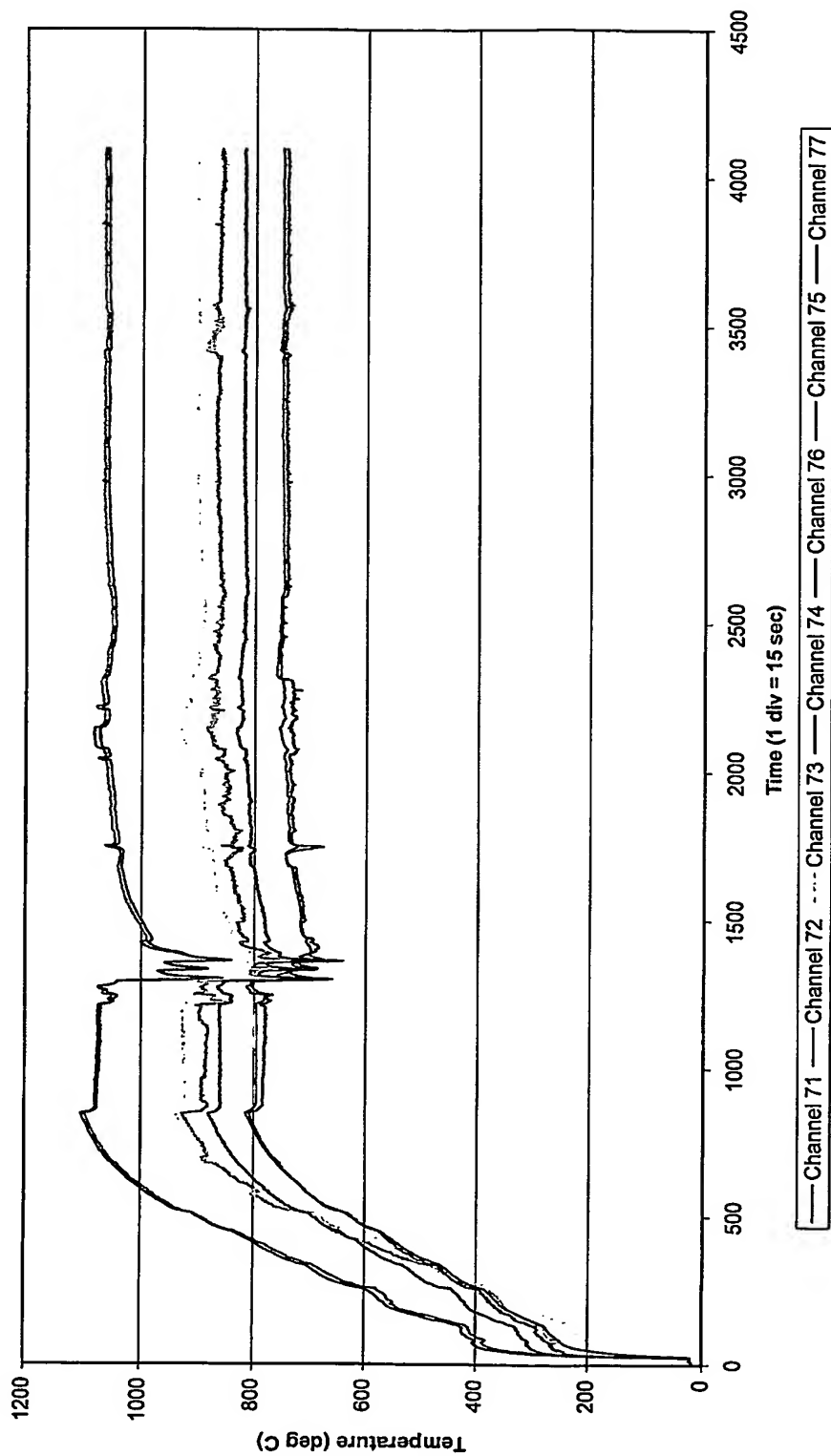
18/54

Figure 6c - Combustion chamber temperature (Day 3)



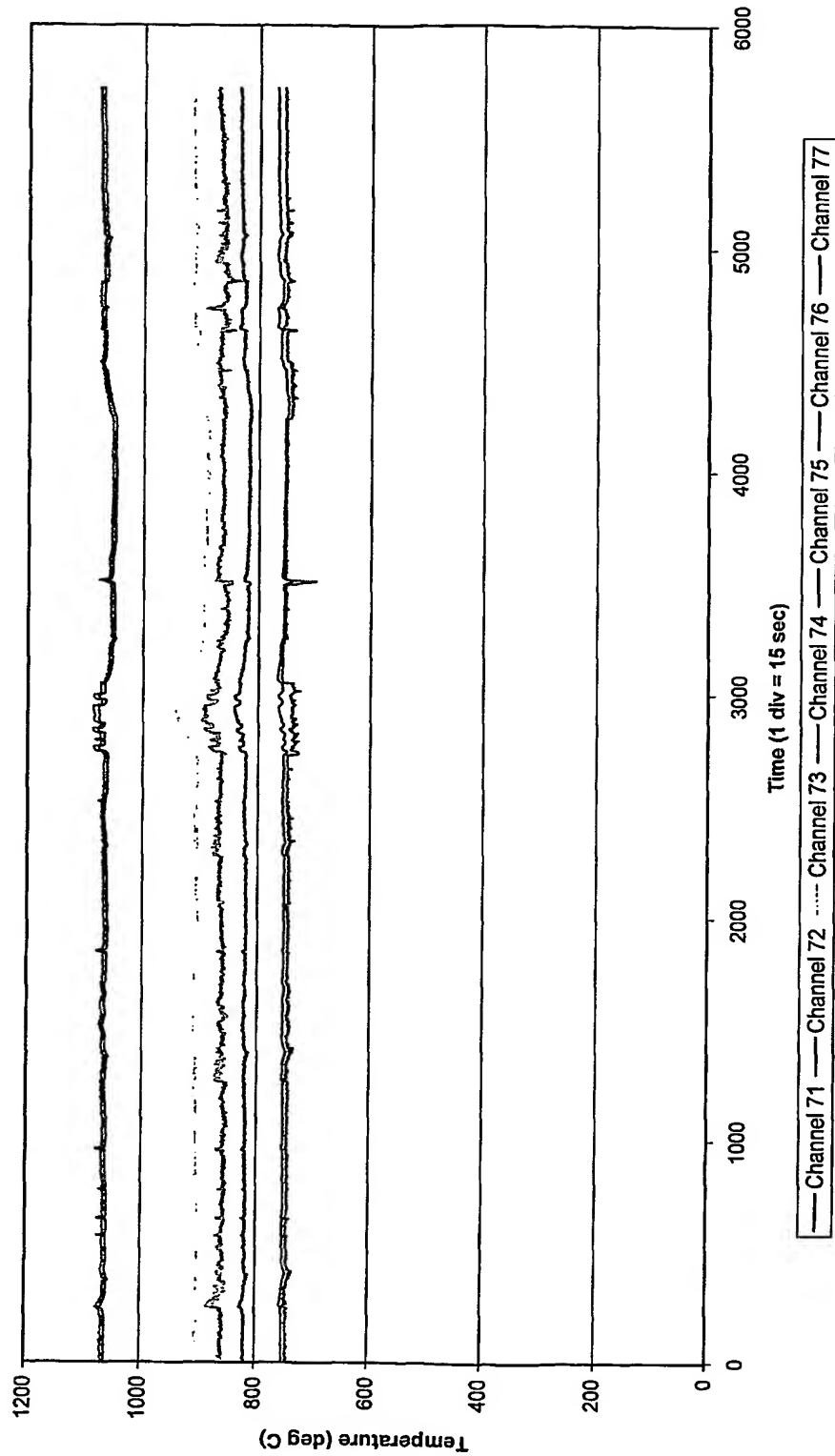
19/54

Figure 7a, Fluegas duct temperature measurements



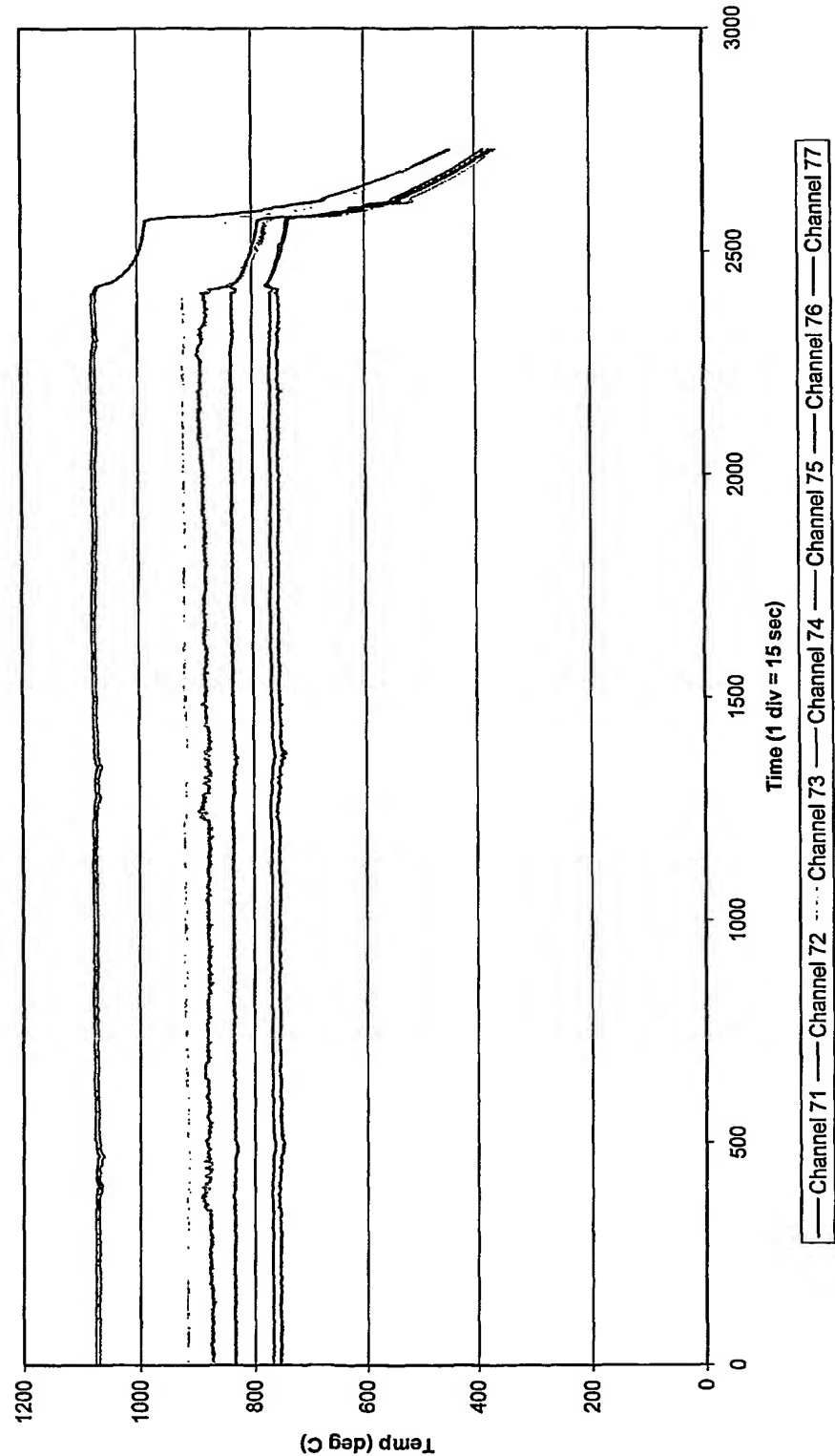
20/54

Figure 7b Fluegas duct temperatures (Day 2)



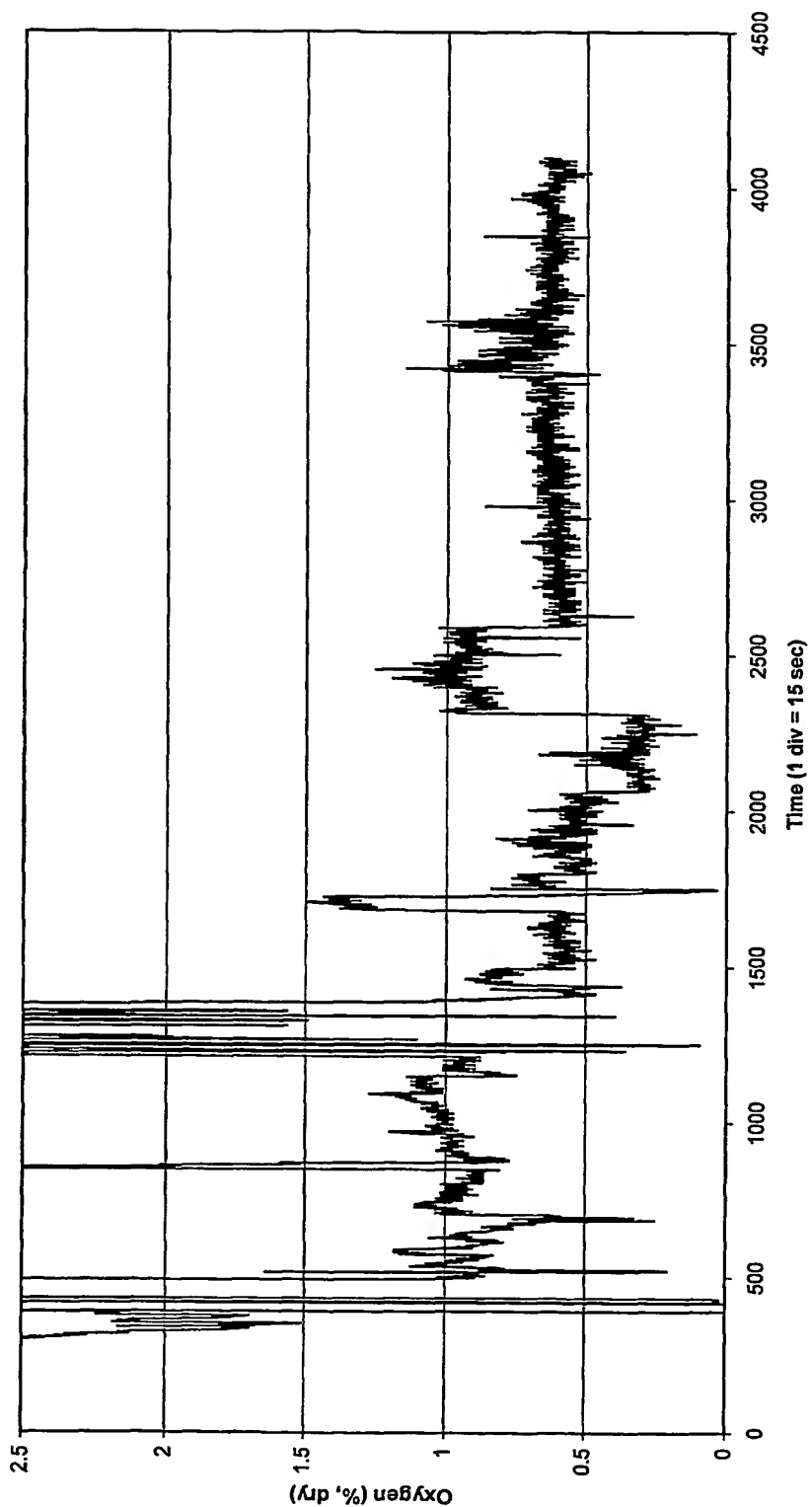
21/54

Fig 7c - Fluegas duct temperatures (Day 3)



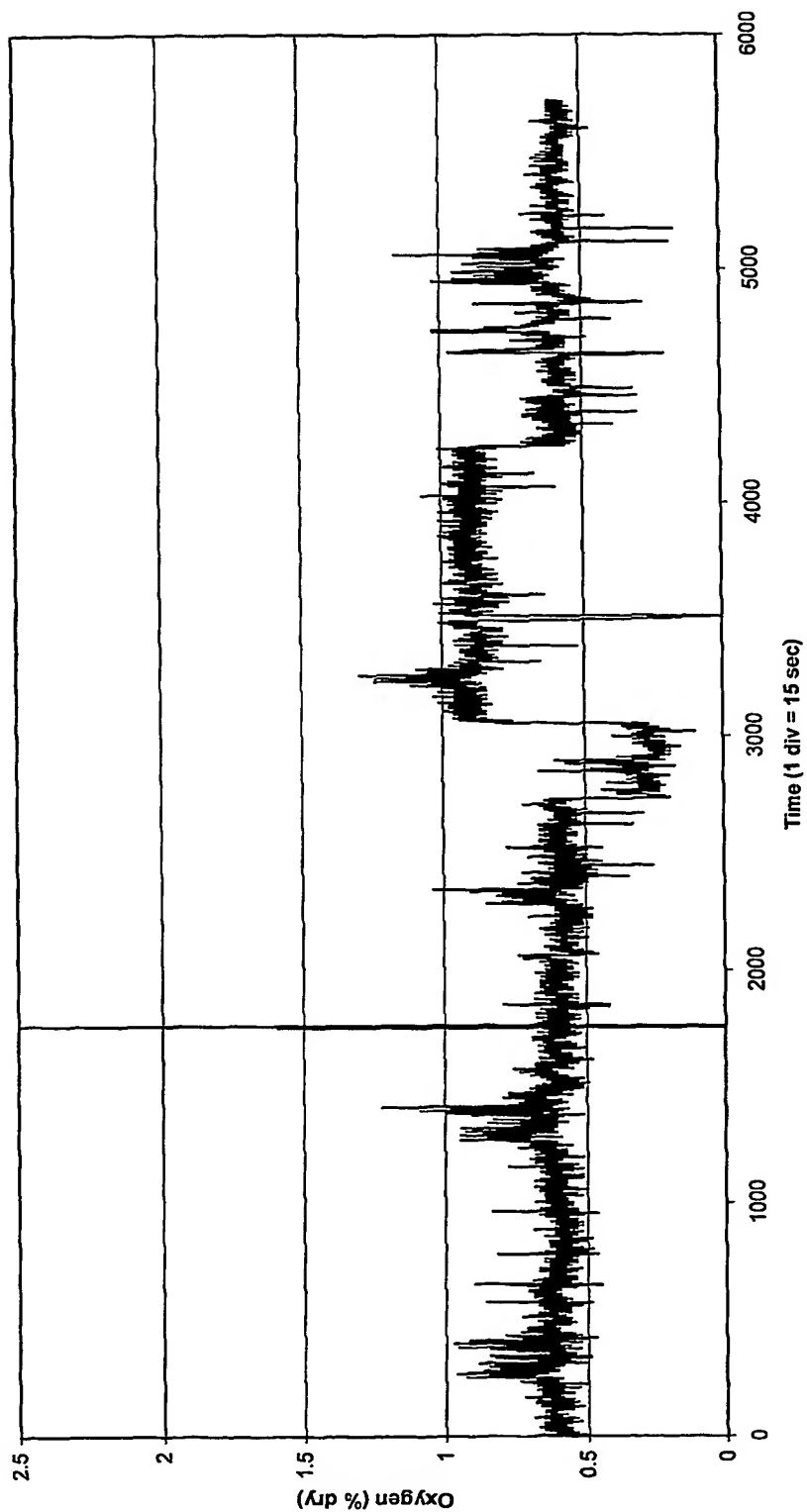
22/54

Fig 8a Stack Oxygen levels (Day 1)



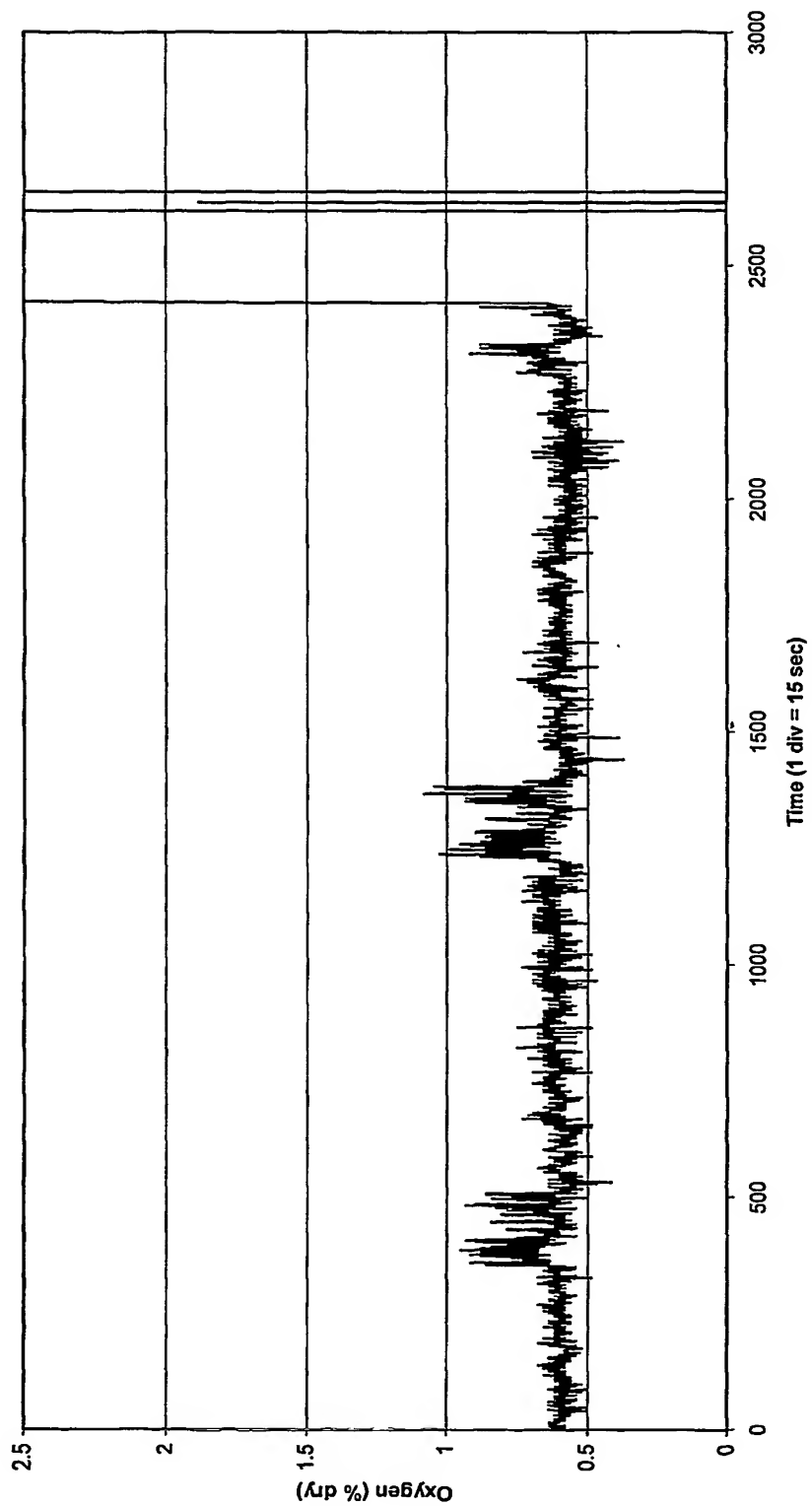
23/54

Fig 8b - Stack oxygen levels (Day 3)

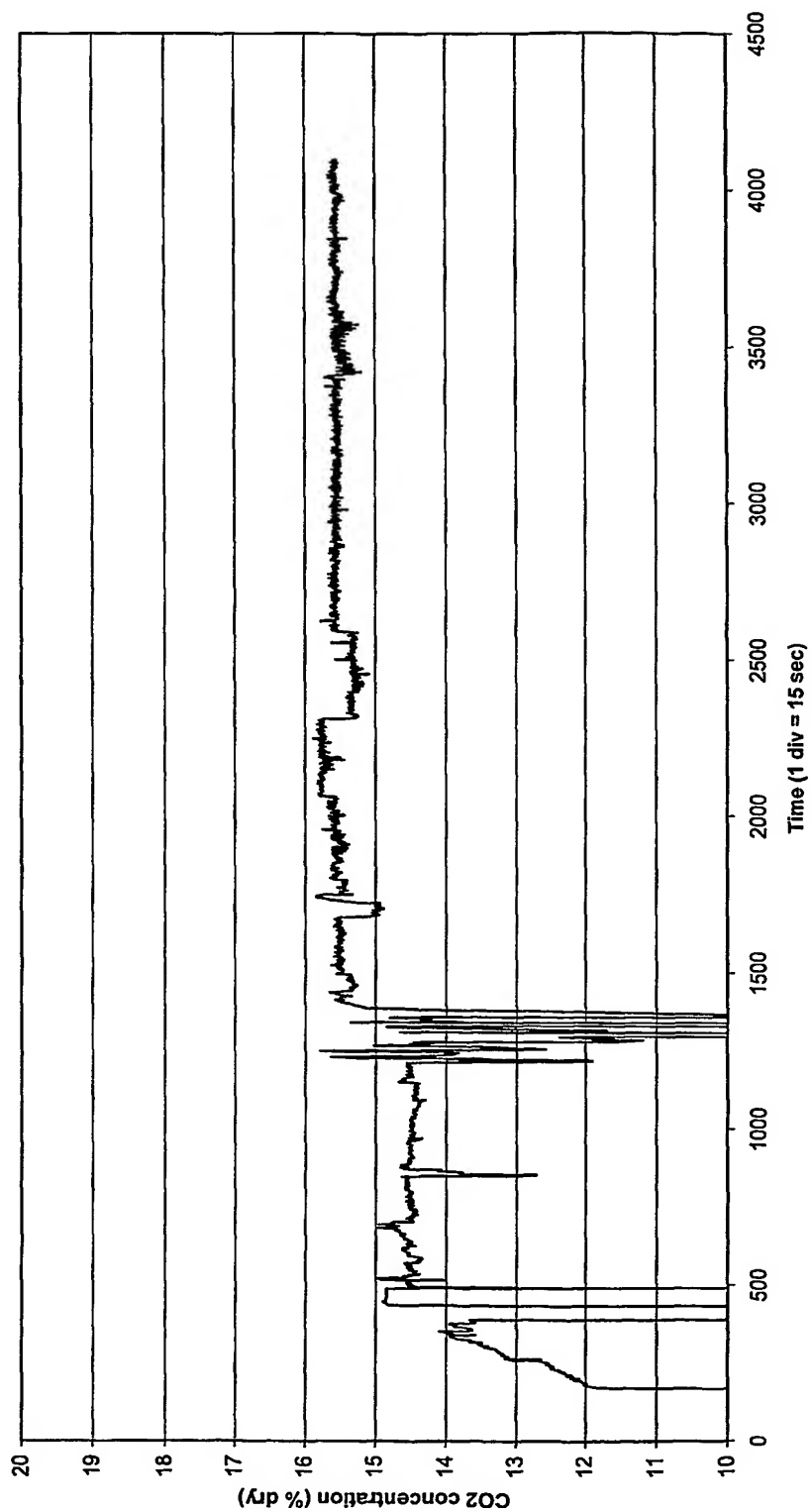


24/54

Fig 8c - Stack oxygen (Day 3)

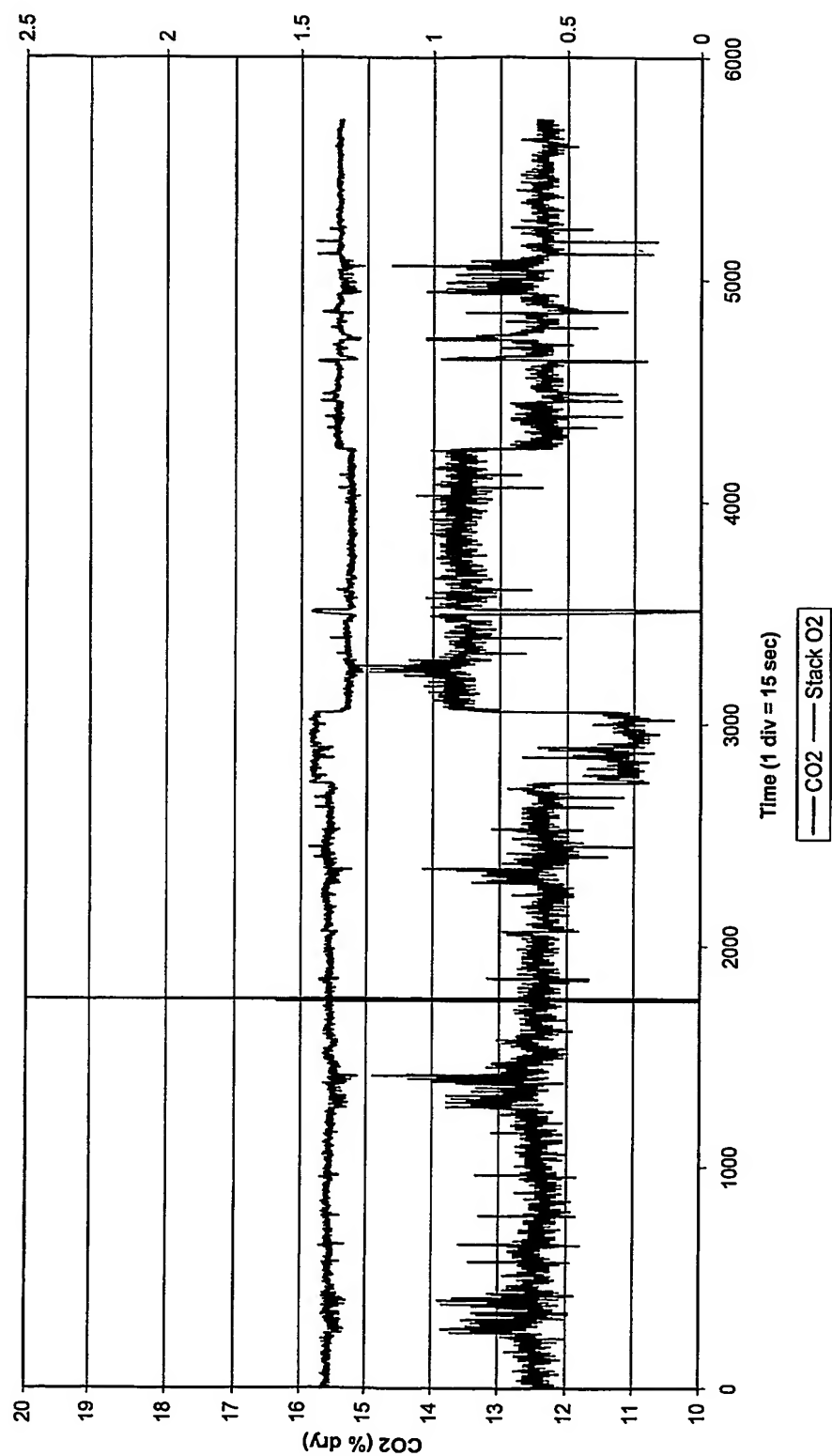


25/54

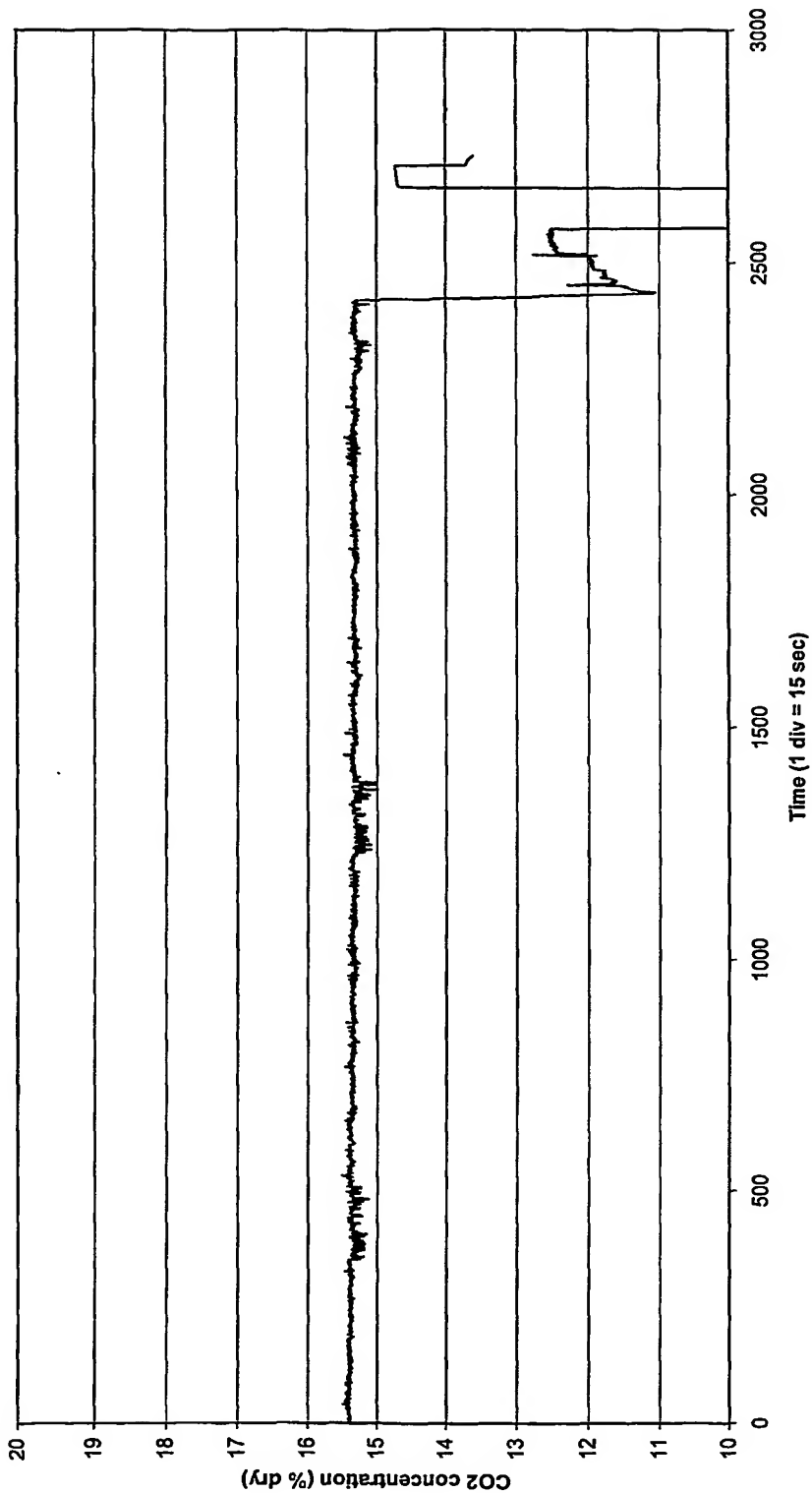
Figure 9a Stack CO₂ levels (Day 1)

26/54

Fig 9b Stack CO2 levels (% dry)

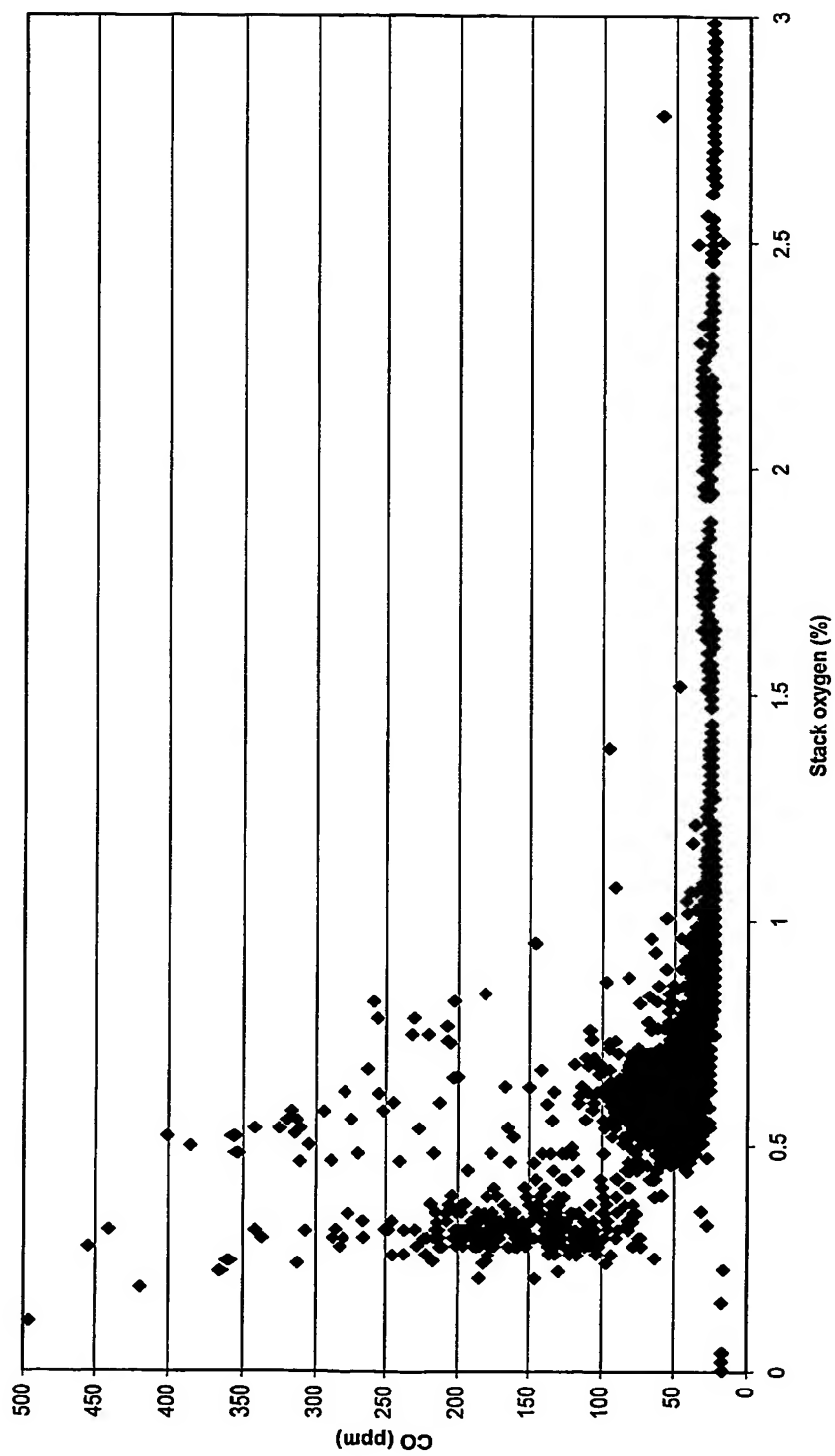


27/54

Fig 9c Stack CO₂ levels (Day 3)

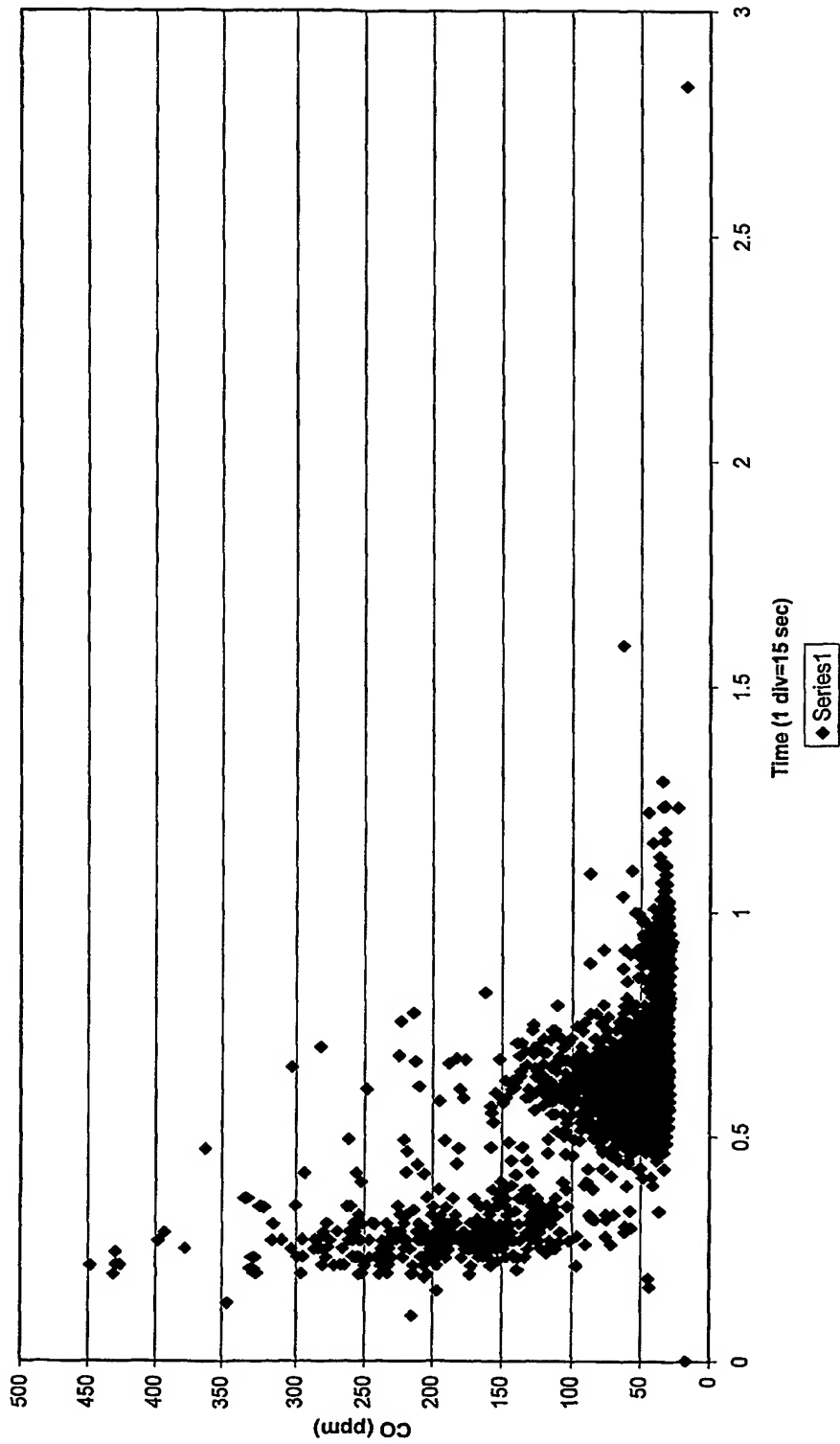
28/54

Fig 10a - CO vs stack oxygen



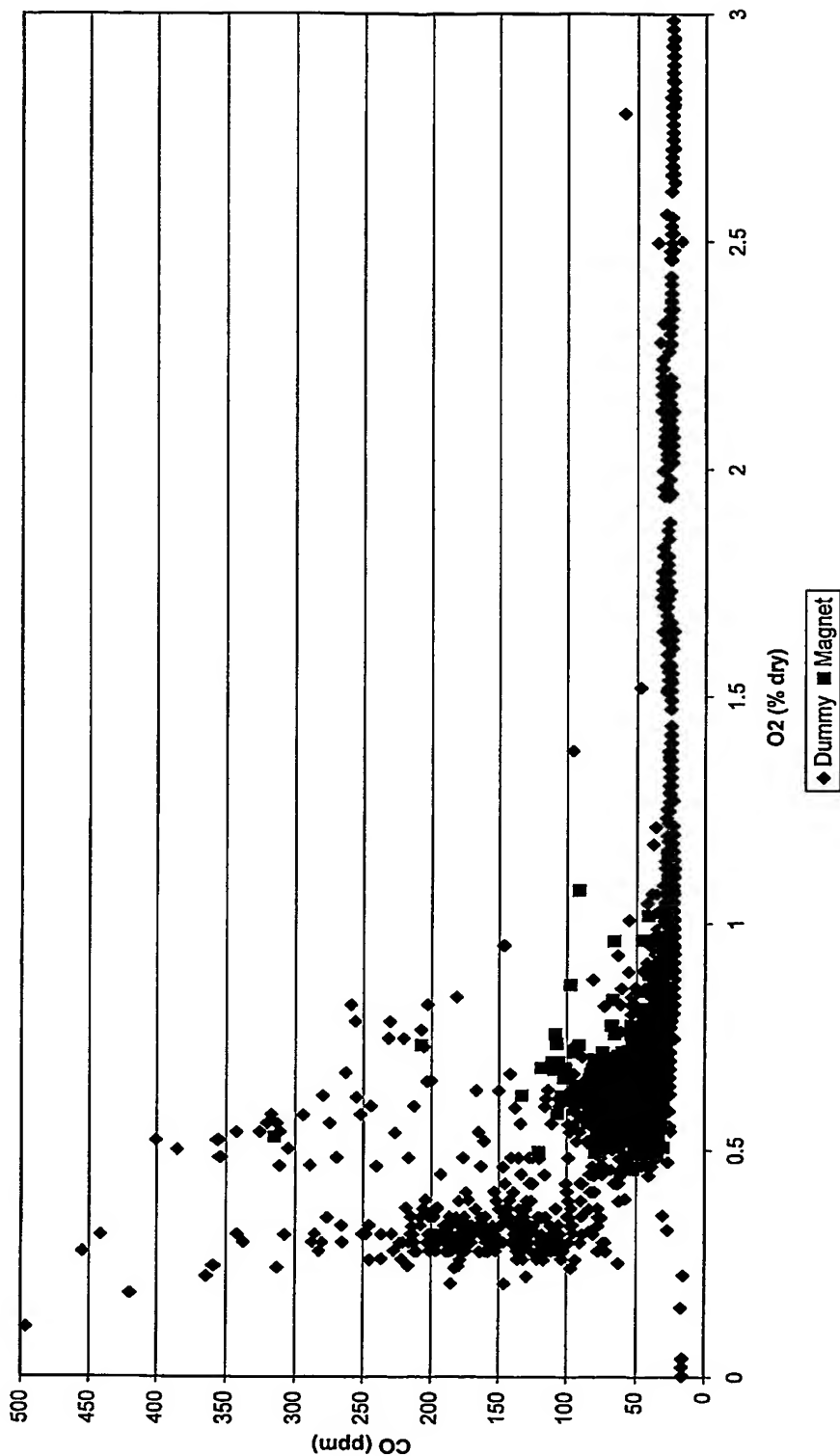
29/54

Figure 10b CO levels vs stack oxygen (Day 2)



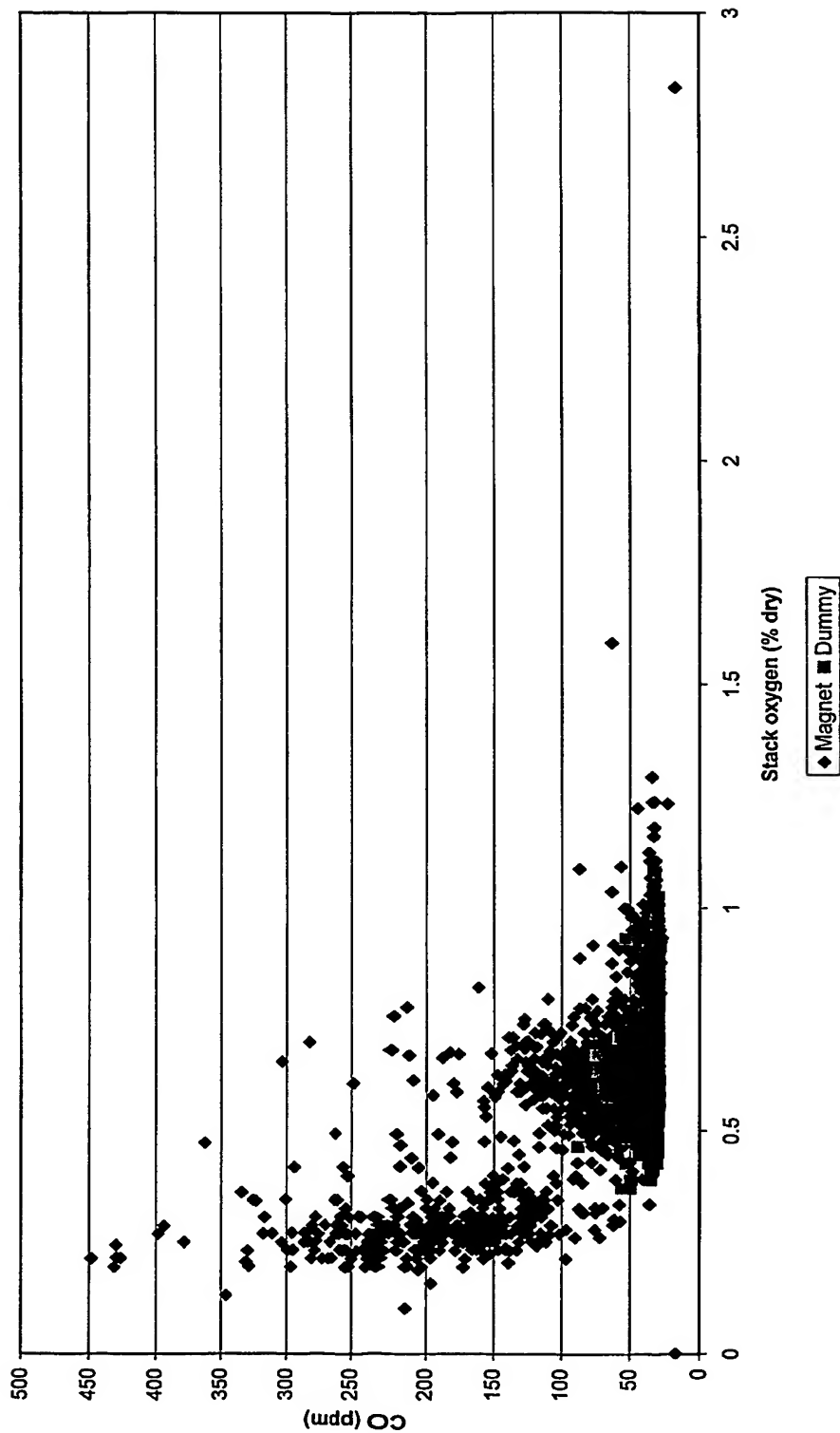
30/54

Fig 11a CO vs Stack O2 Day 1



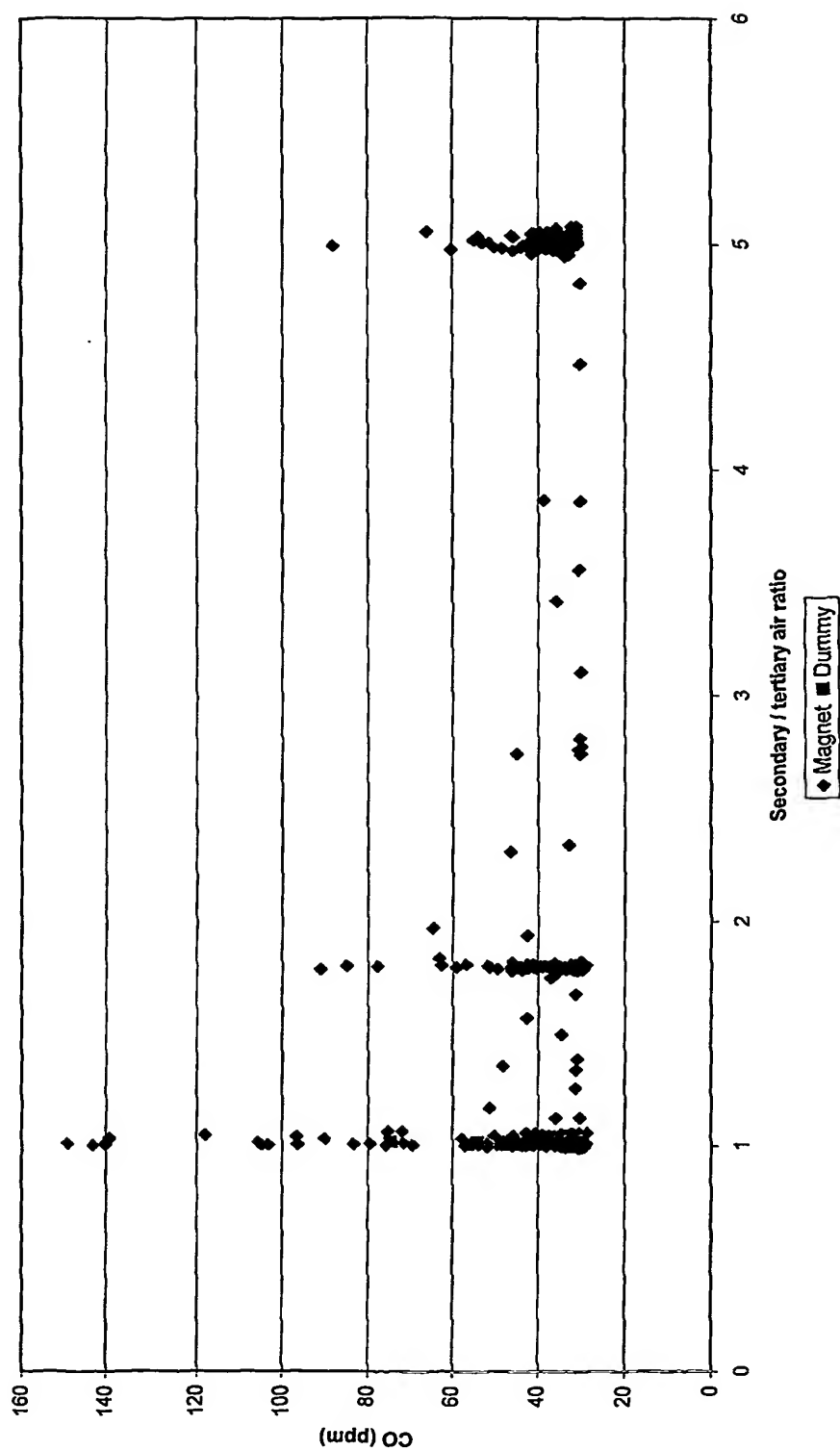
31/54

Fig 11b CO vs Stack oxygen (Day 2 & 3)

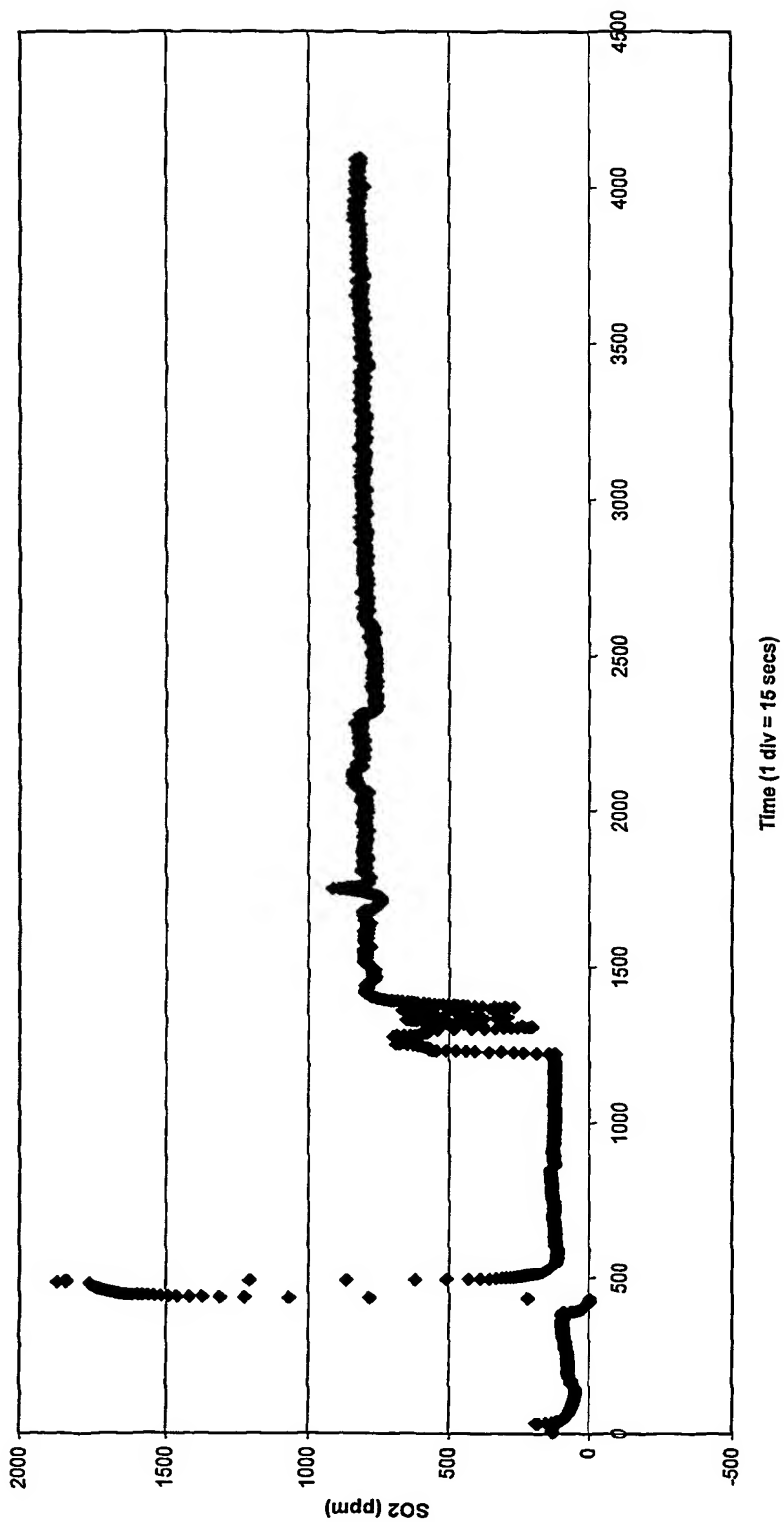


32/54

Fig 12 CO vs Secondary / Tertiary air ratio (Day 2)

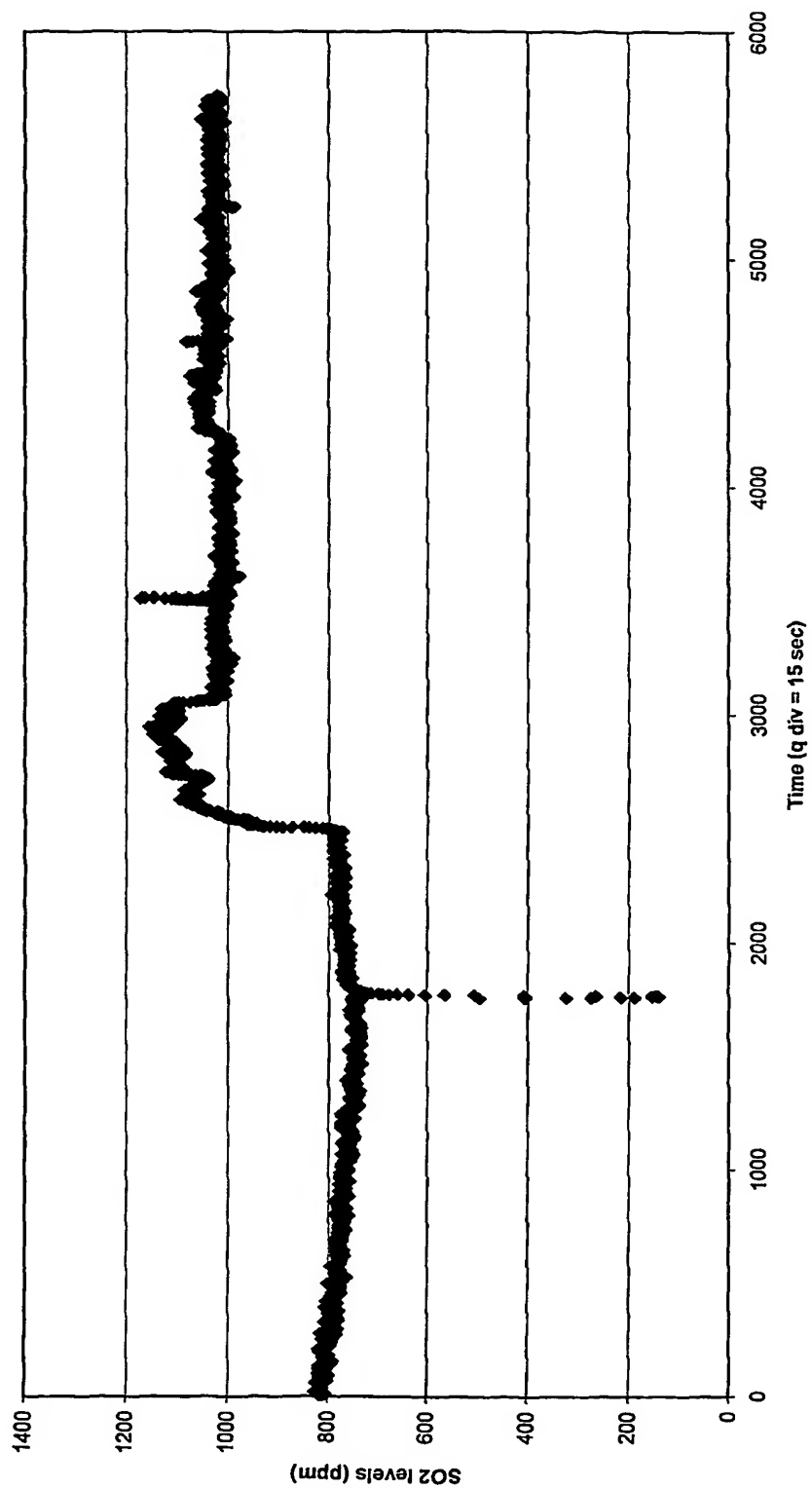


33/54

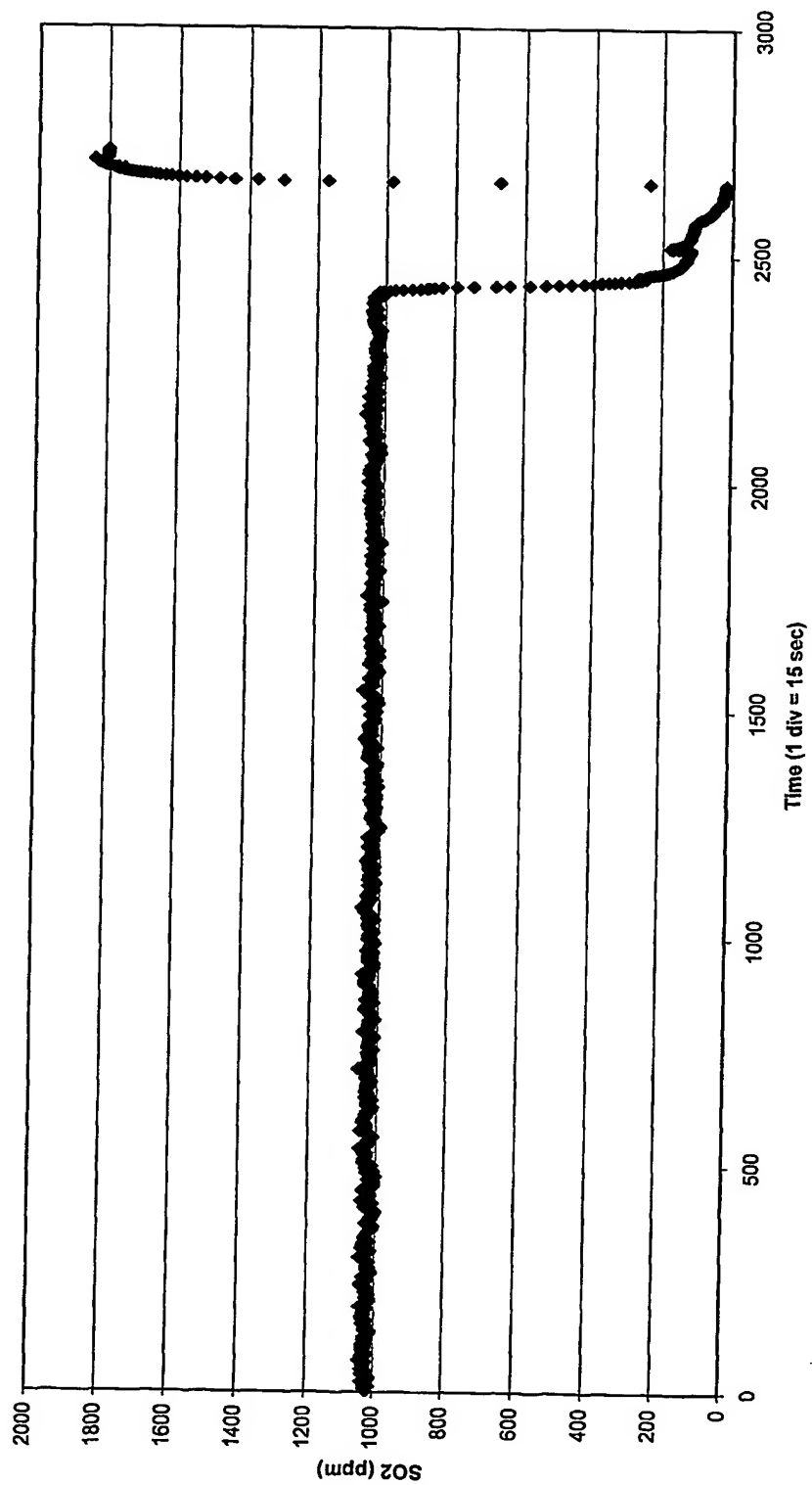
Figure 13a SO₂ levels (Day 1)

34/54

Figure 13b SO2 levels (Day 2)

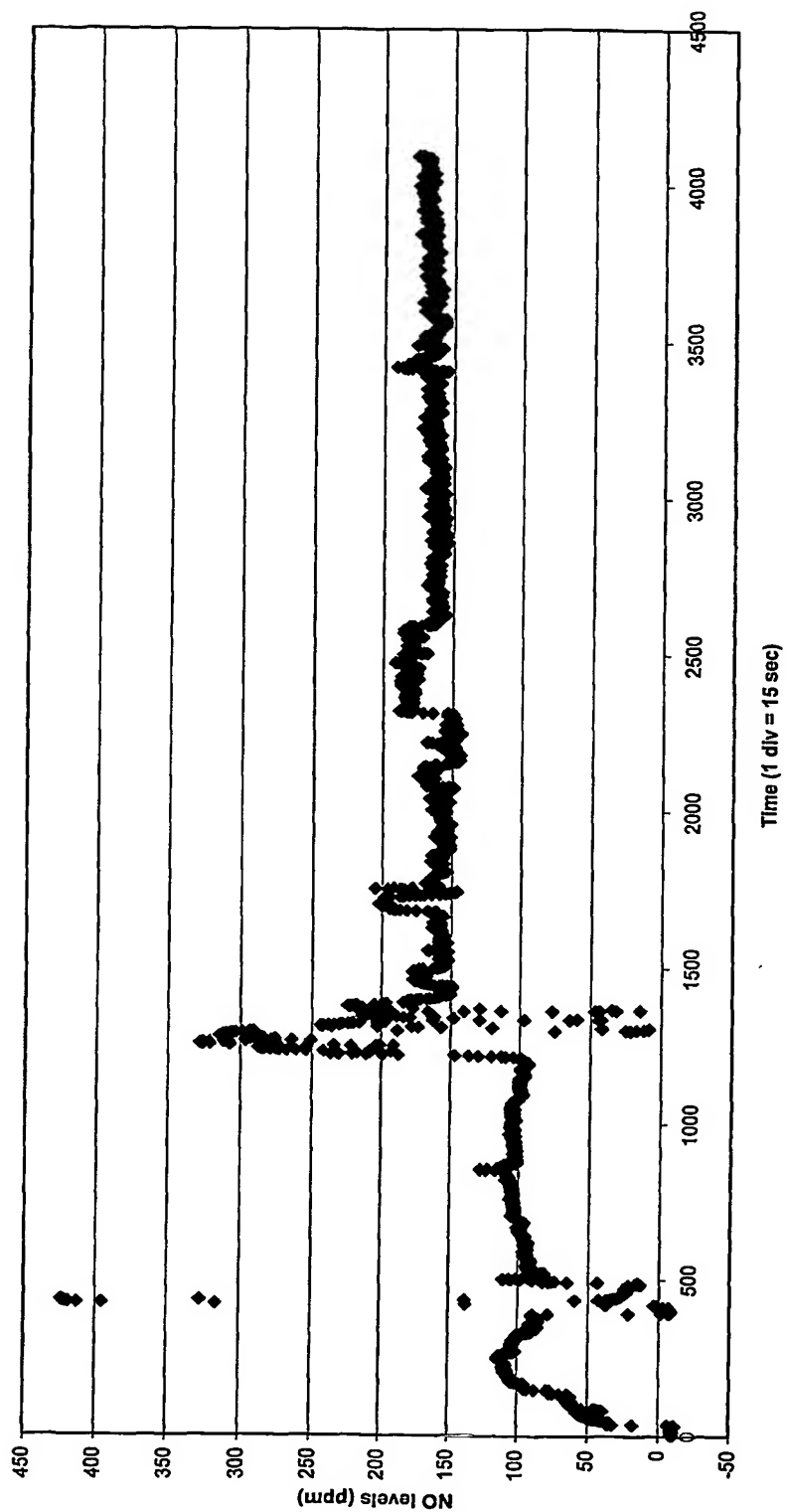


35/54

Figure 13c SO₂ levels (Day 3)

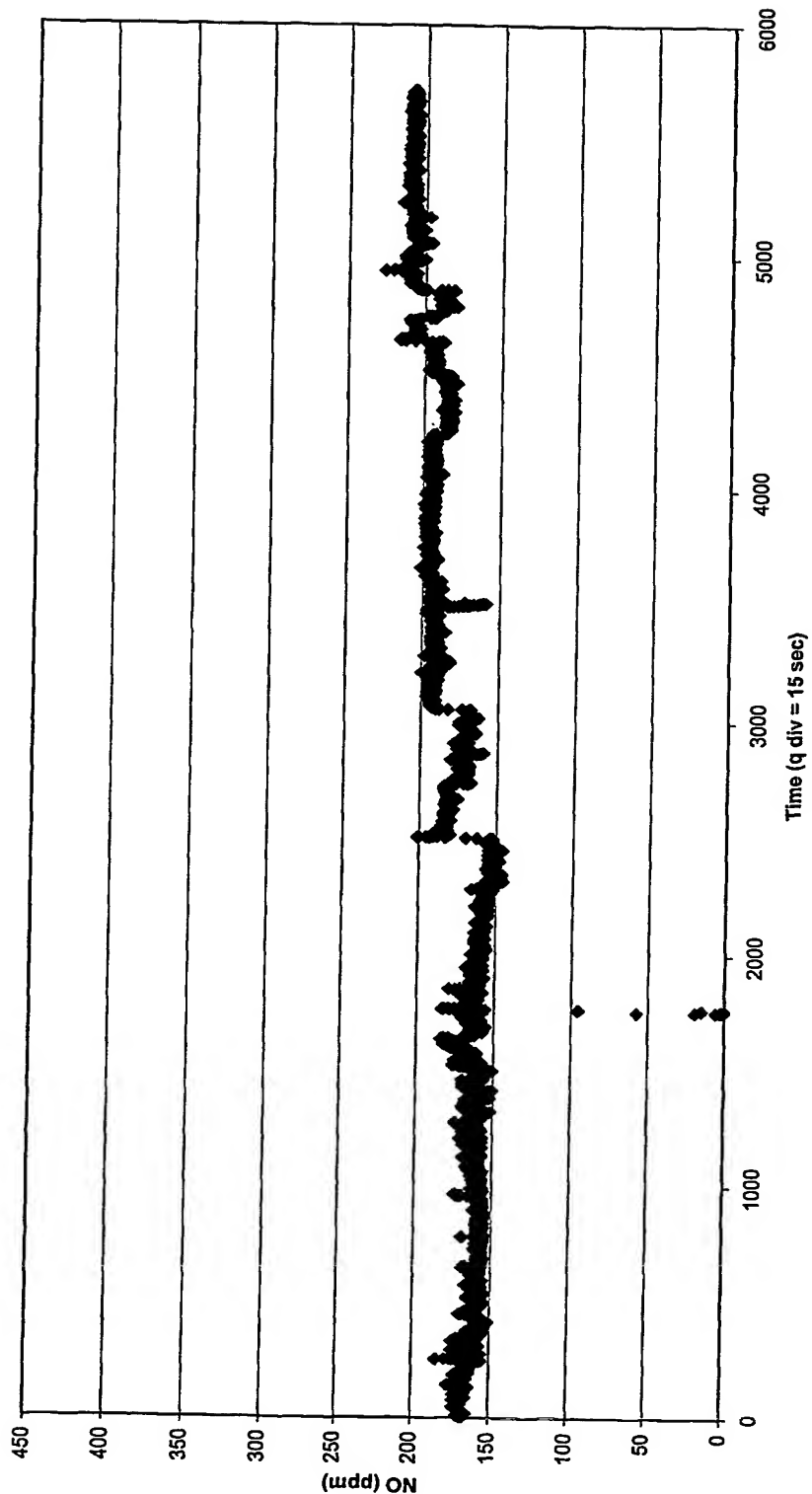
36/54

Figure 14a NO levels (Day 1)



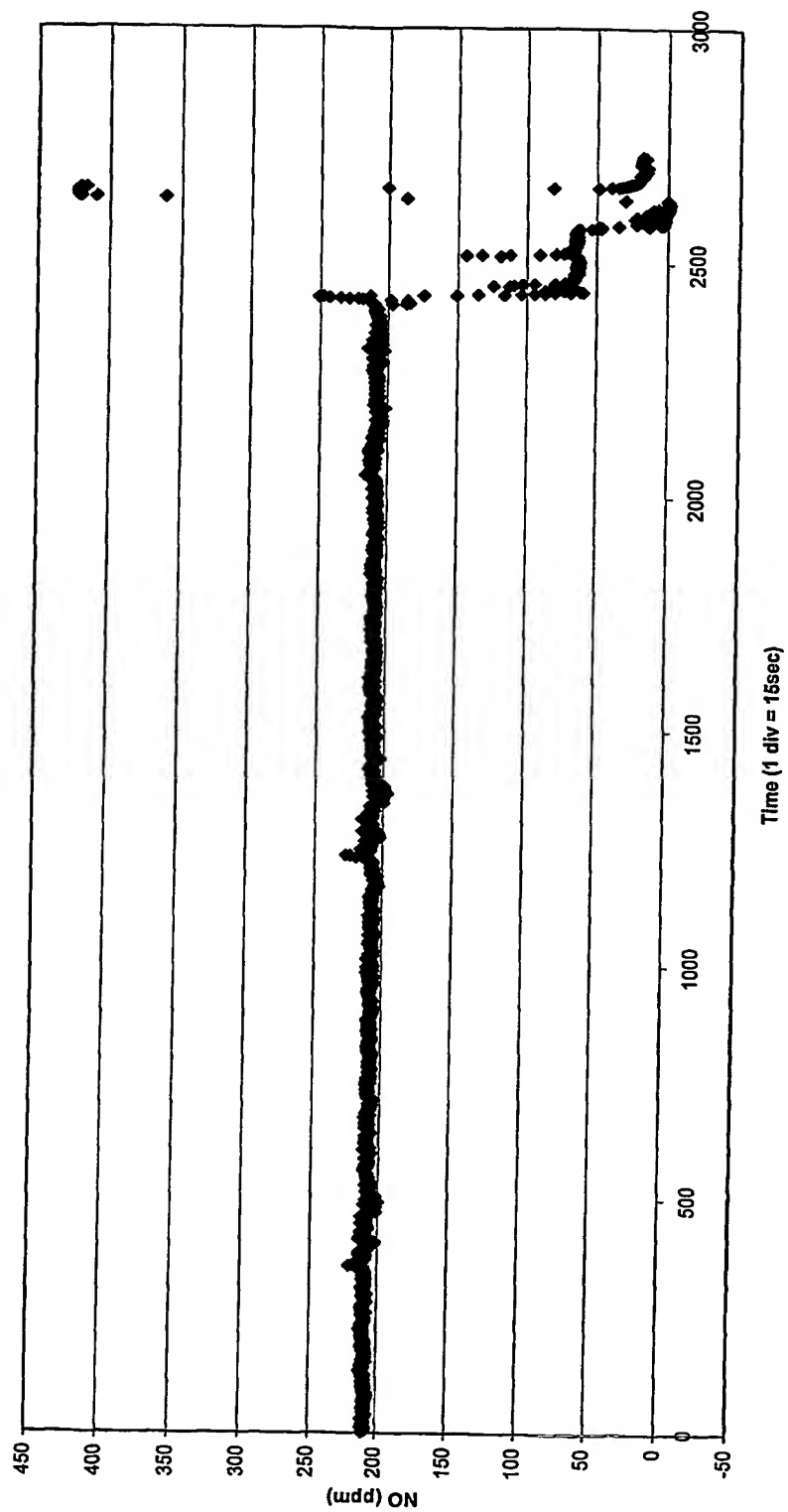
37/54

Figure 14b NO levels (Day 2)



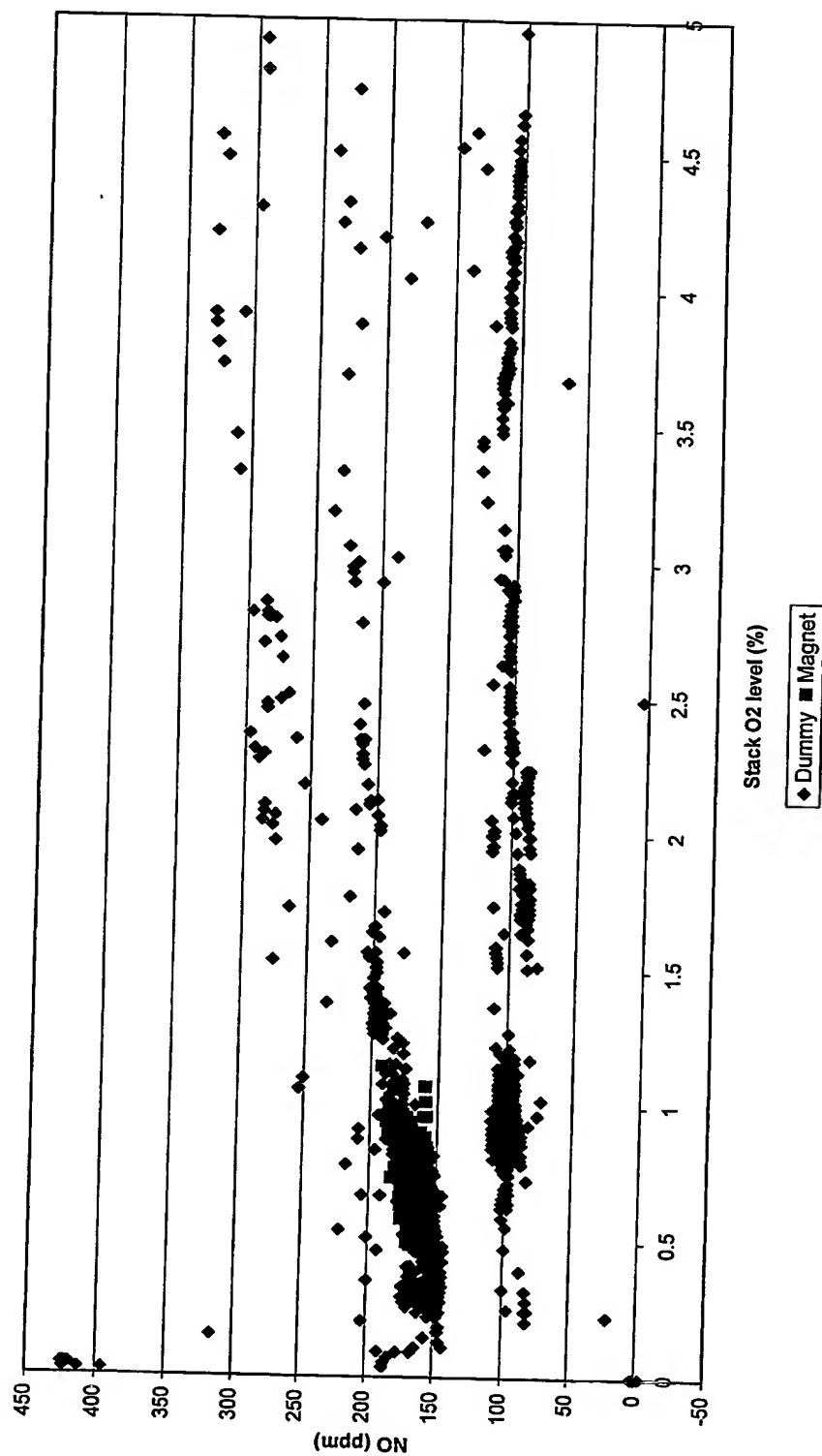
38/54

Figure 14c NO levels (Day 3)



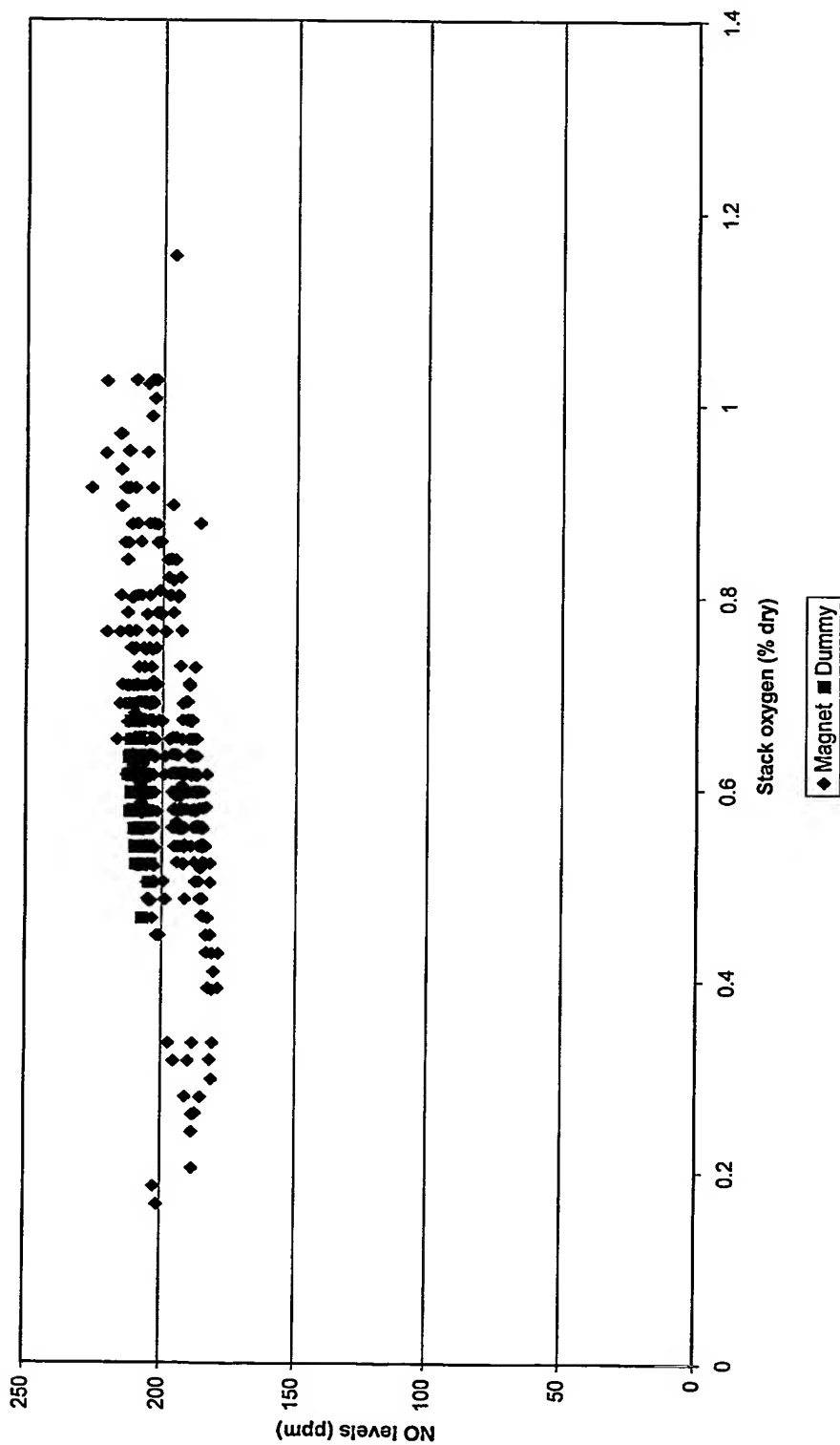
39/54

Figure 15a NO vs Stack oxygen level (Day 1)



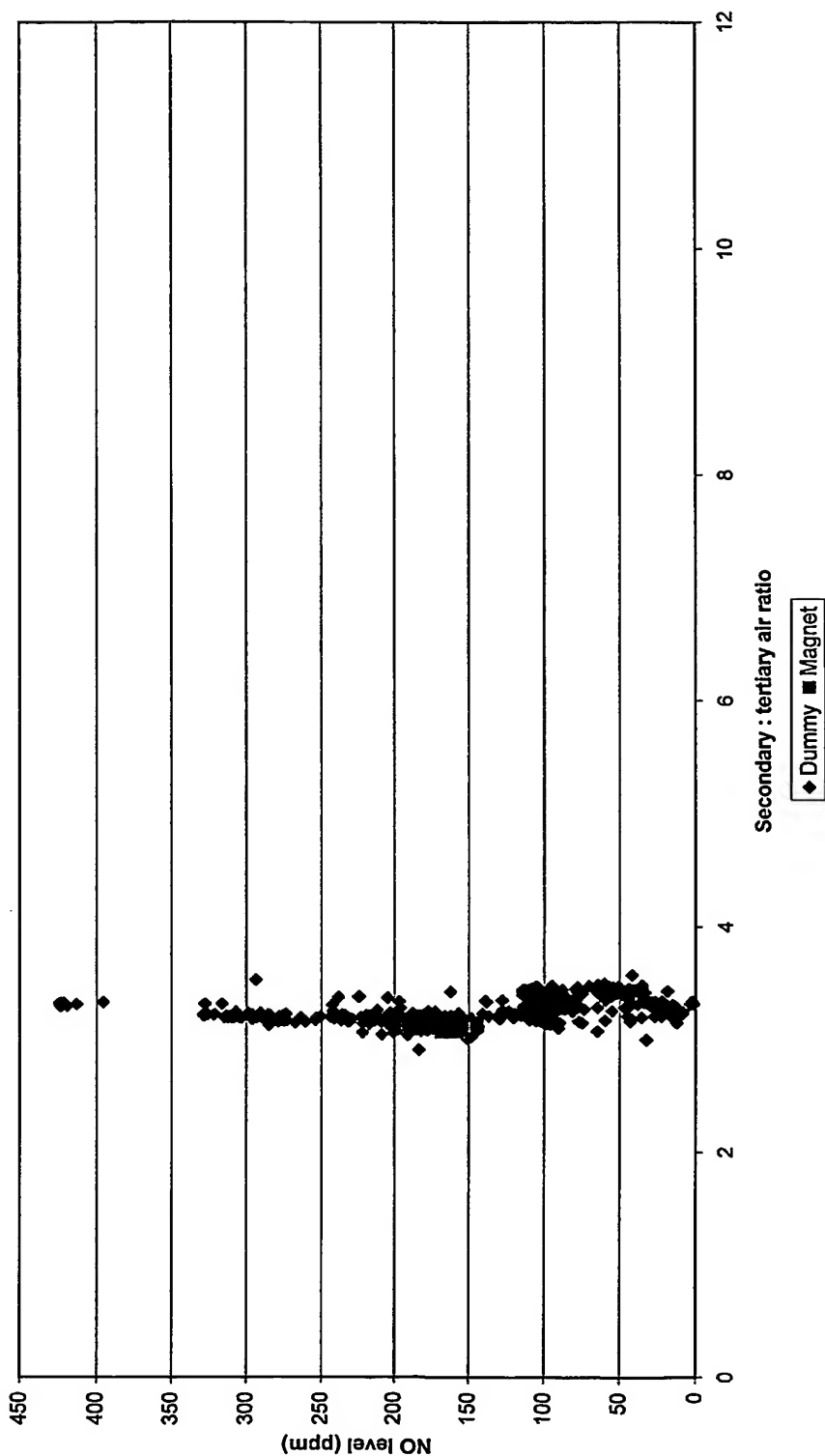
40/54

Fig 15b - NO levels vs. stack oxygen level (Day 2)



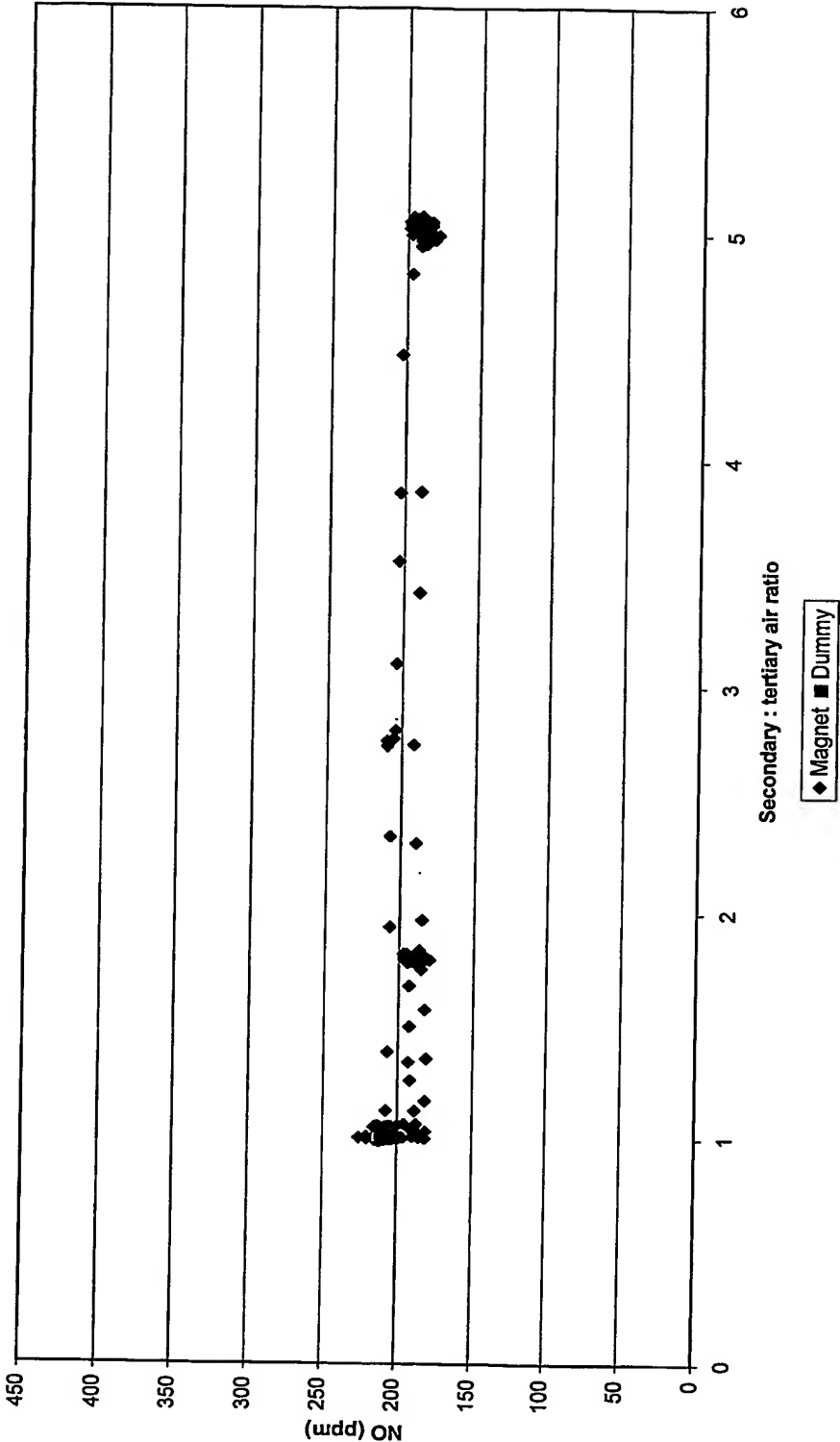
41/54

Figure 16a NO levels vs Secondary : Tertiary air ratio (Day 1)



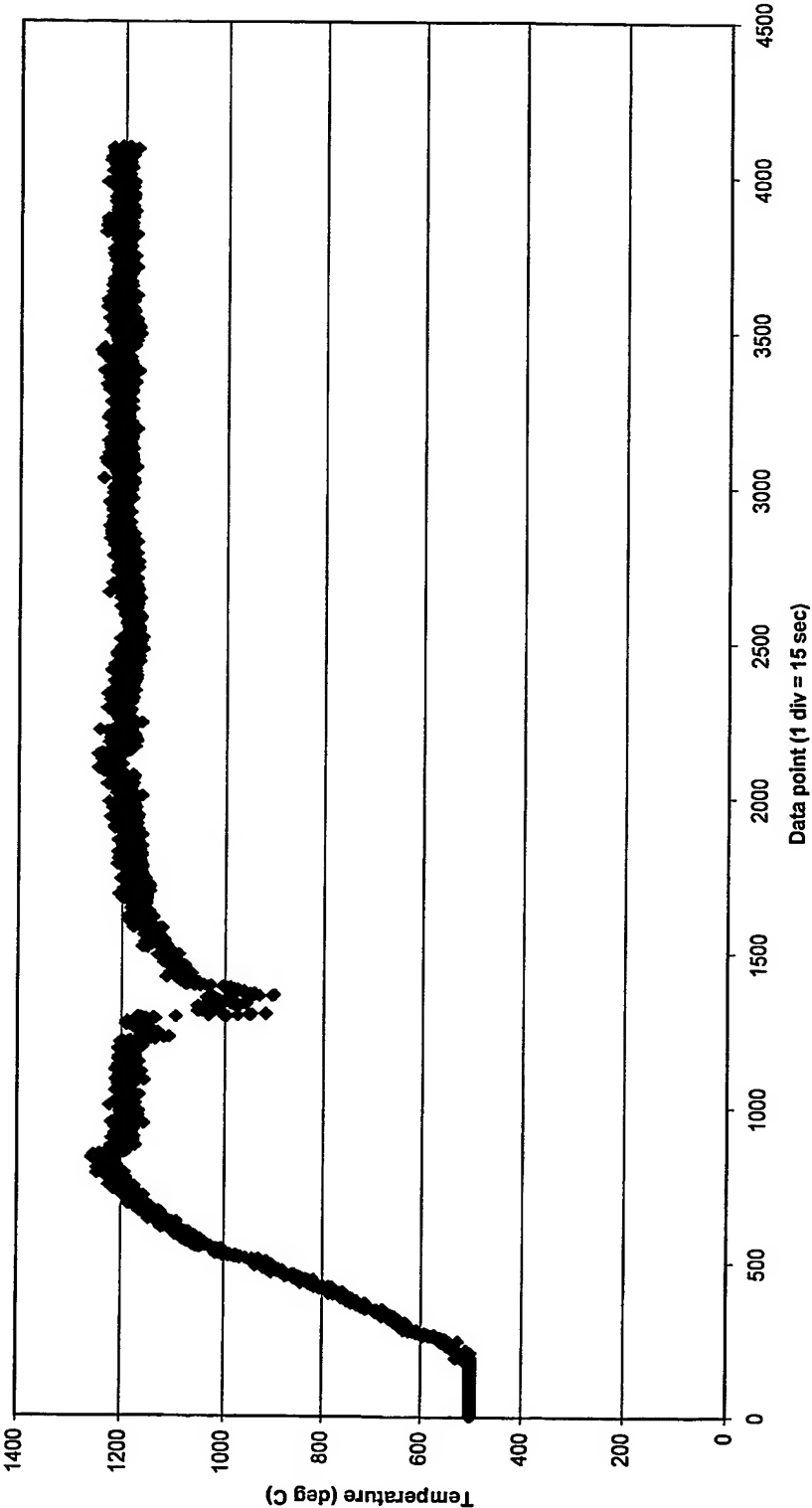
42/54

Fig 16b NO levels vs Secondary : Tertiary air ratio (Day 2)



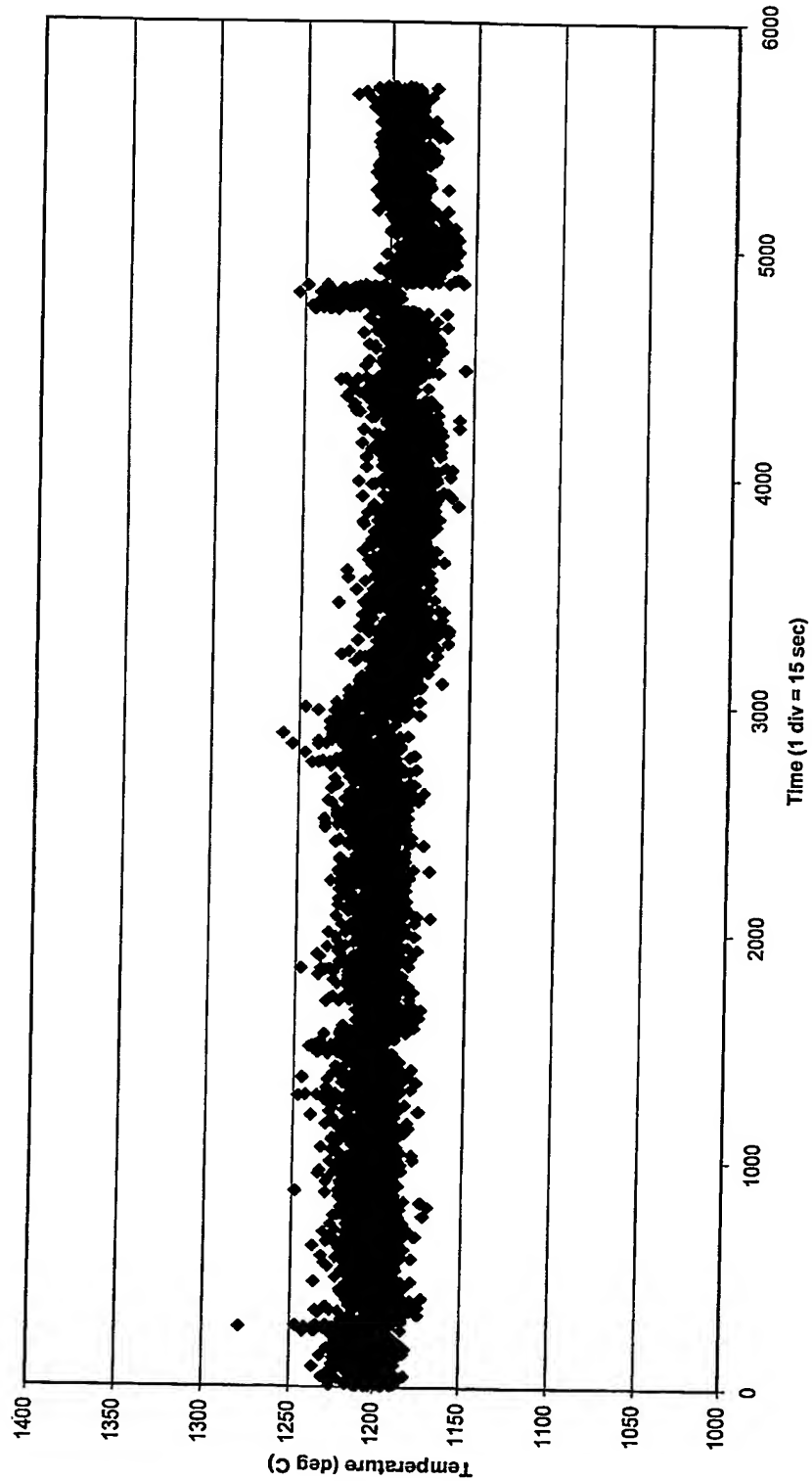
43/54

Figure 17a Combustion chamber temperature (Day 1)



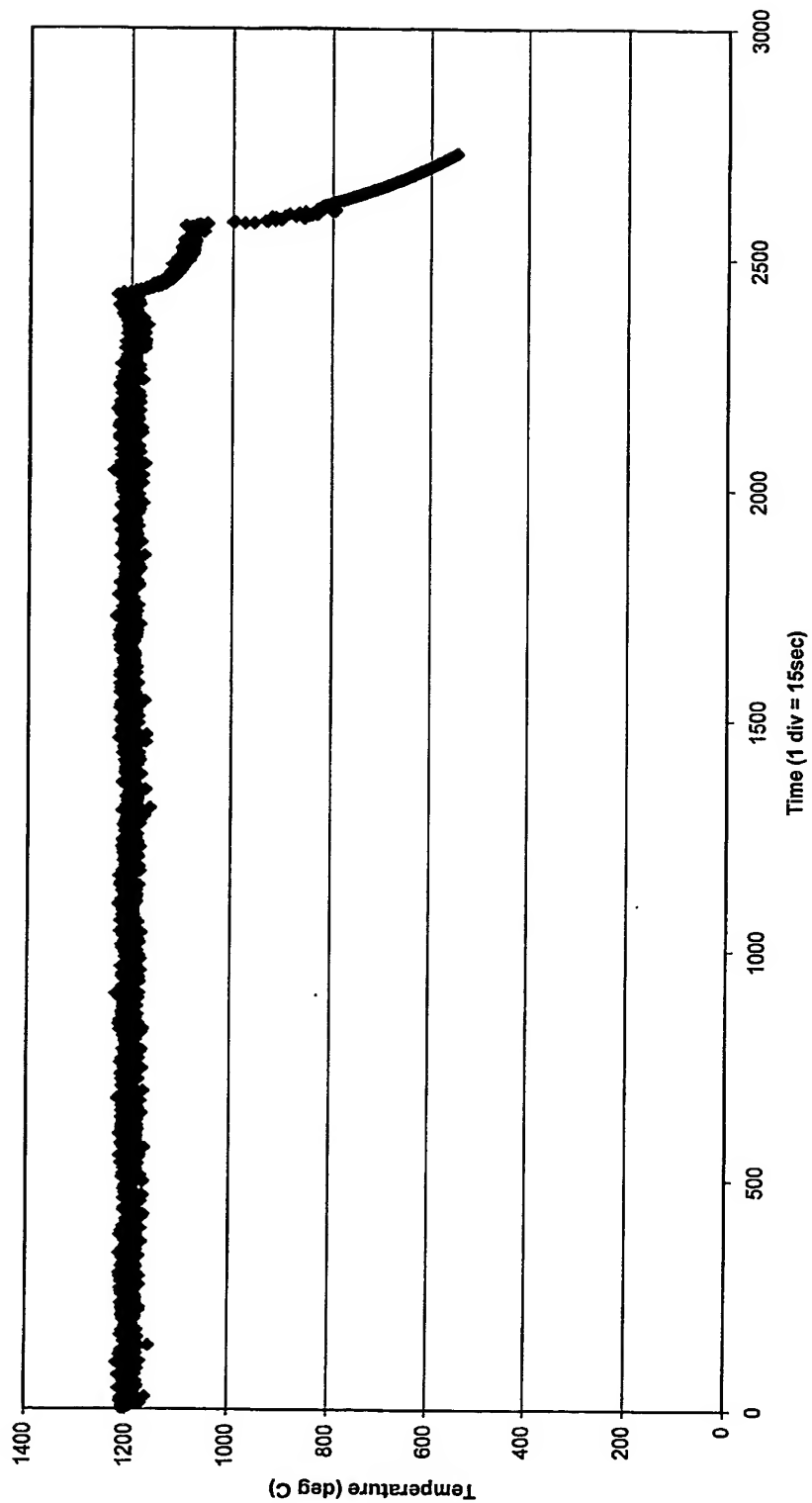
44/54

Figure 17b - Combustion Chamber Temperature (Day 2)



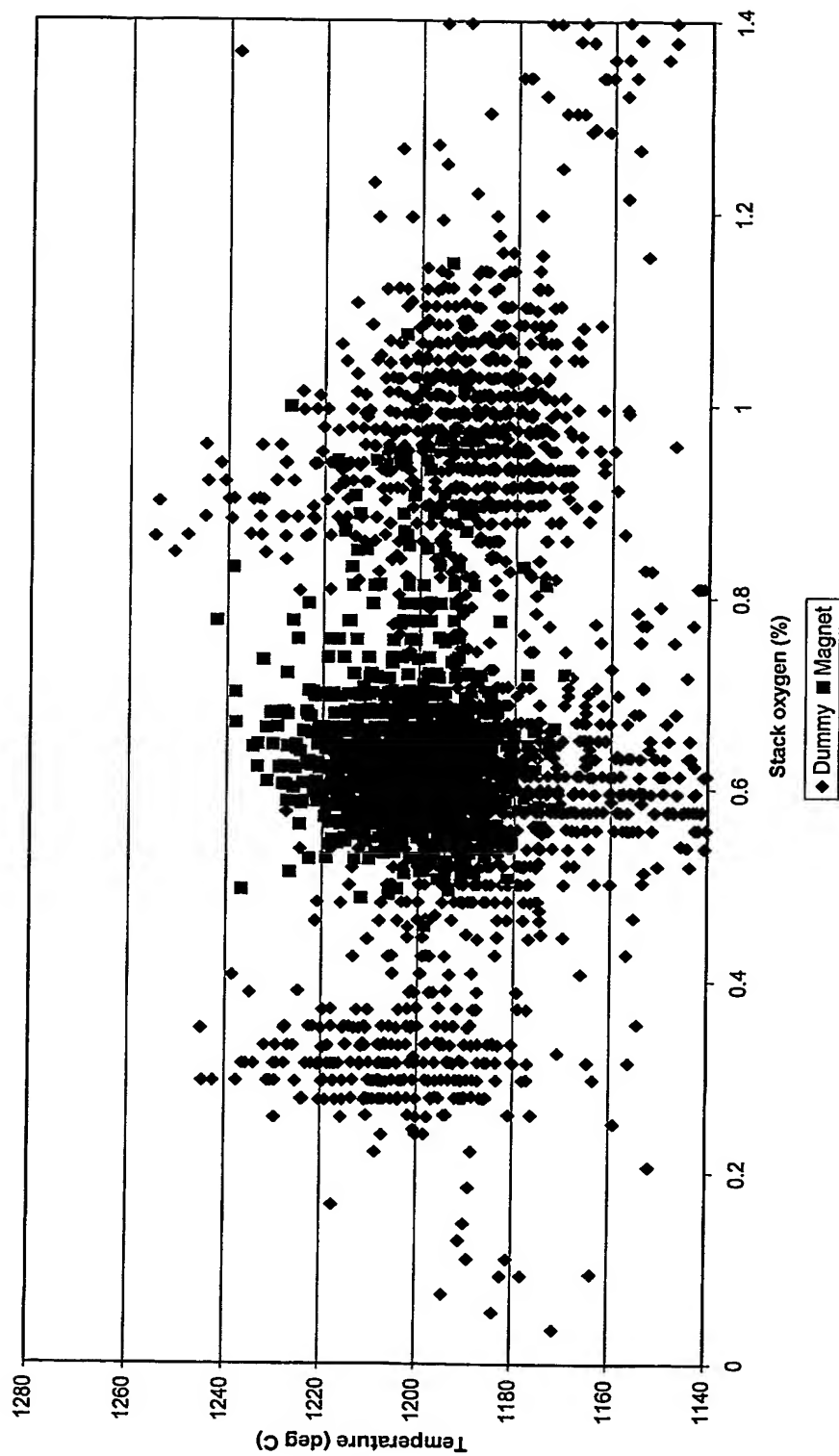
45/54

Figure 17c Combustion Chamber Temperatures (Day 3)



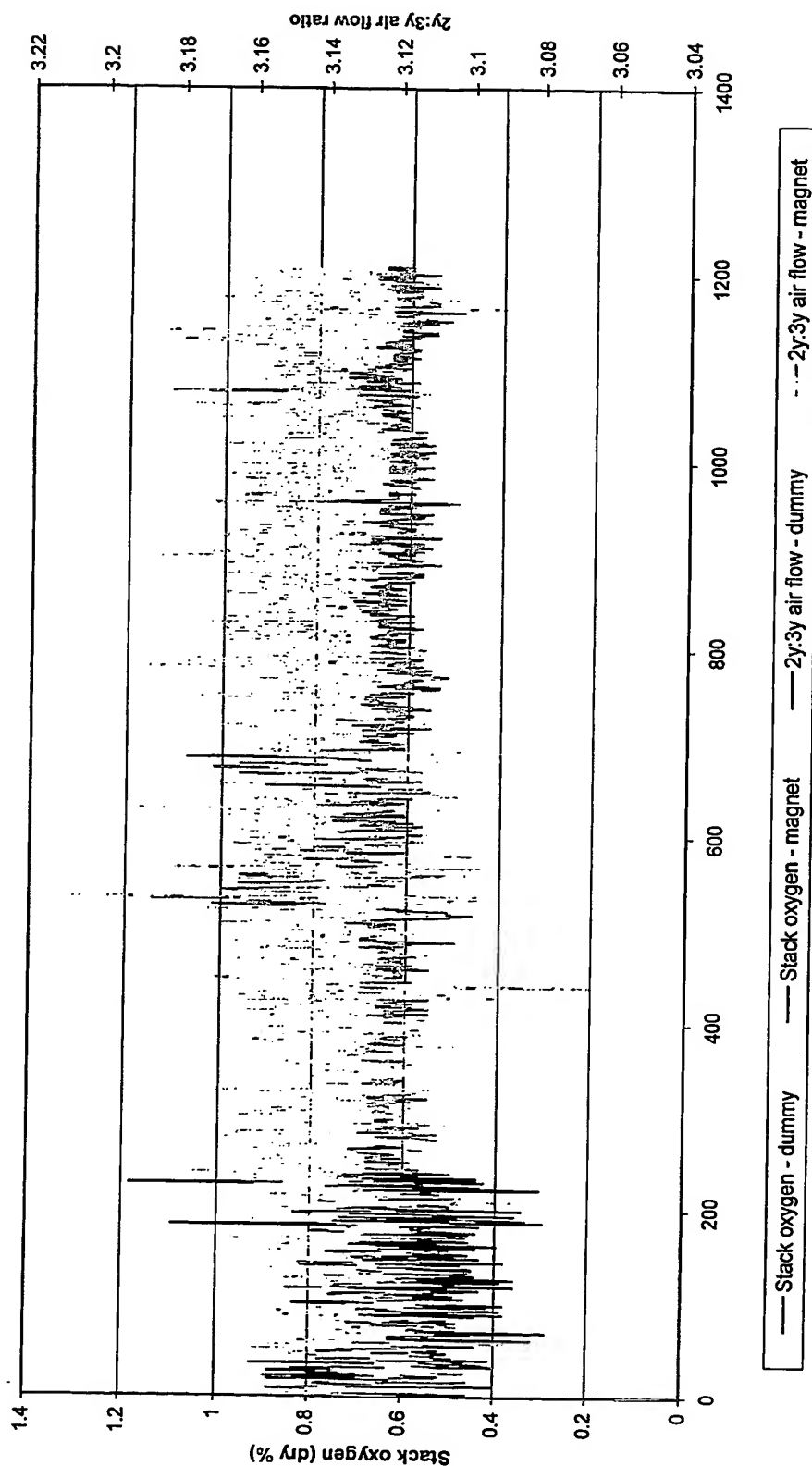
46/54

Figure 18a Combustion chamber temperature vs stack oxygen (Day 1)



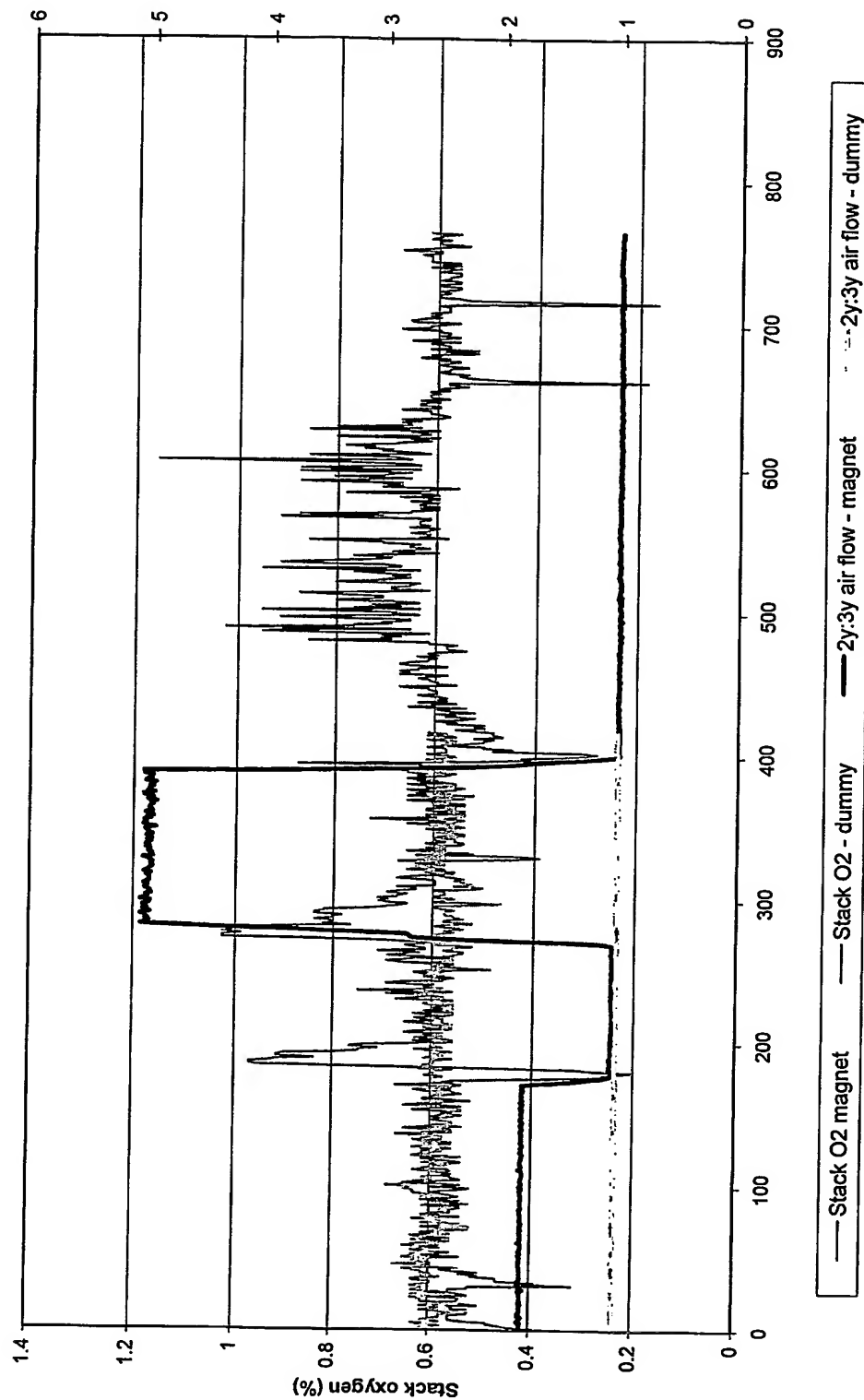
47/54

Fig 19a Comparison of 2y:3y air flows and stack oxygen during comparative period (Day 1)



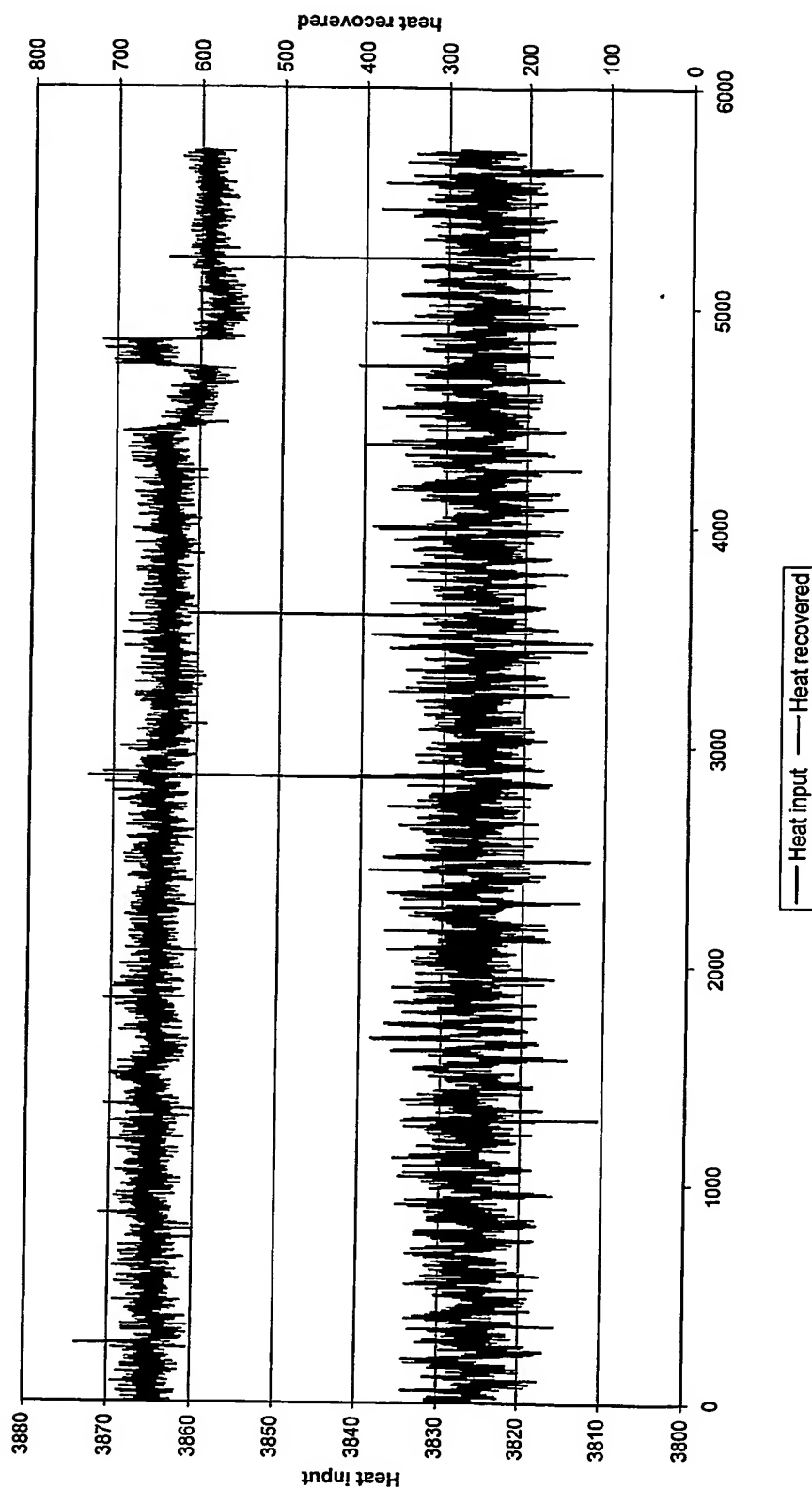
48/54

Fig 19b Stack oxygen and secondary / tertiary air ratio for Day 2 comparison period



49/54

Fig 20 Heat input and heat recovered (Day 2)



50/54

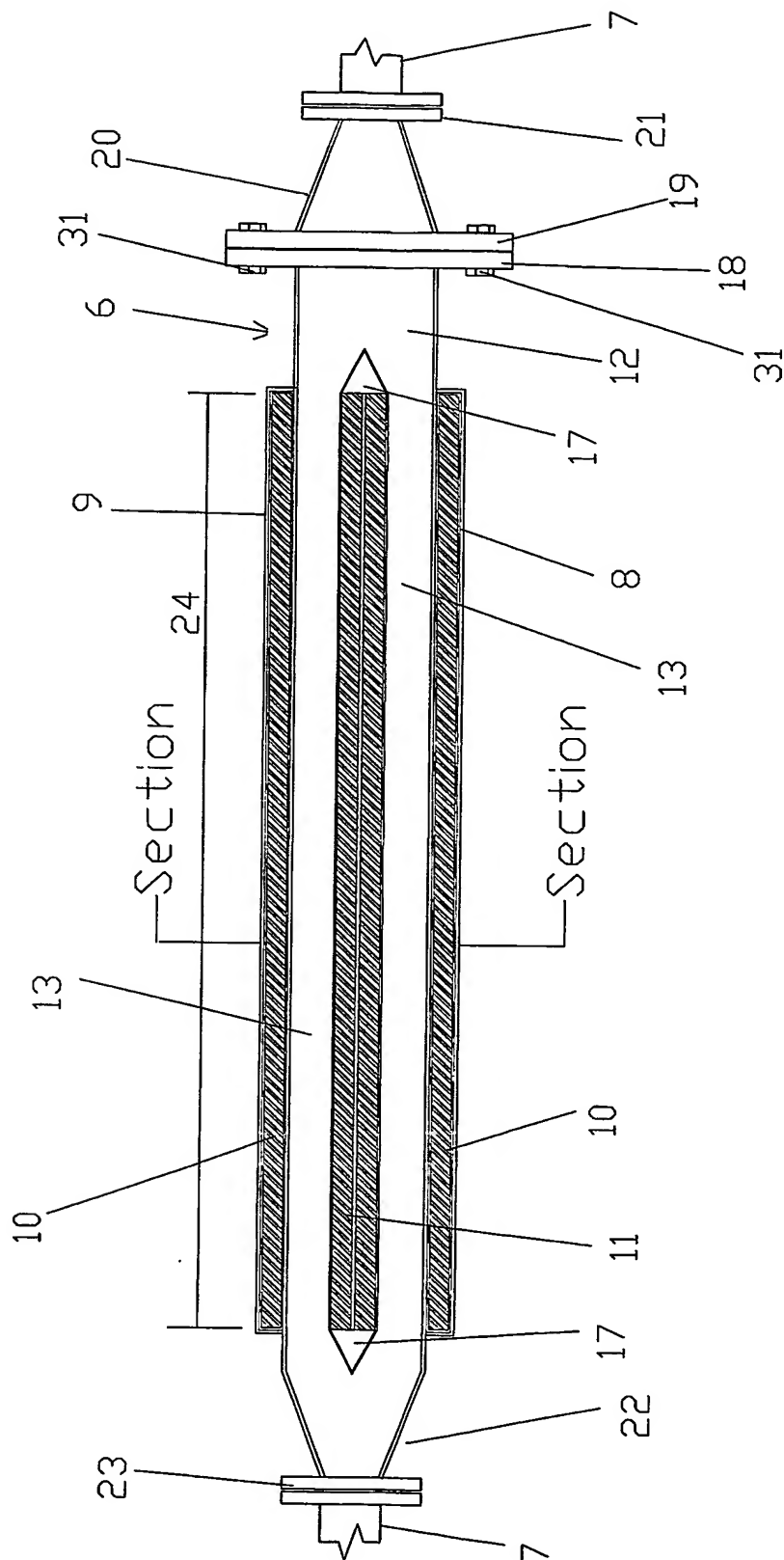
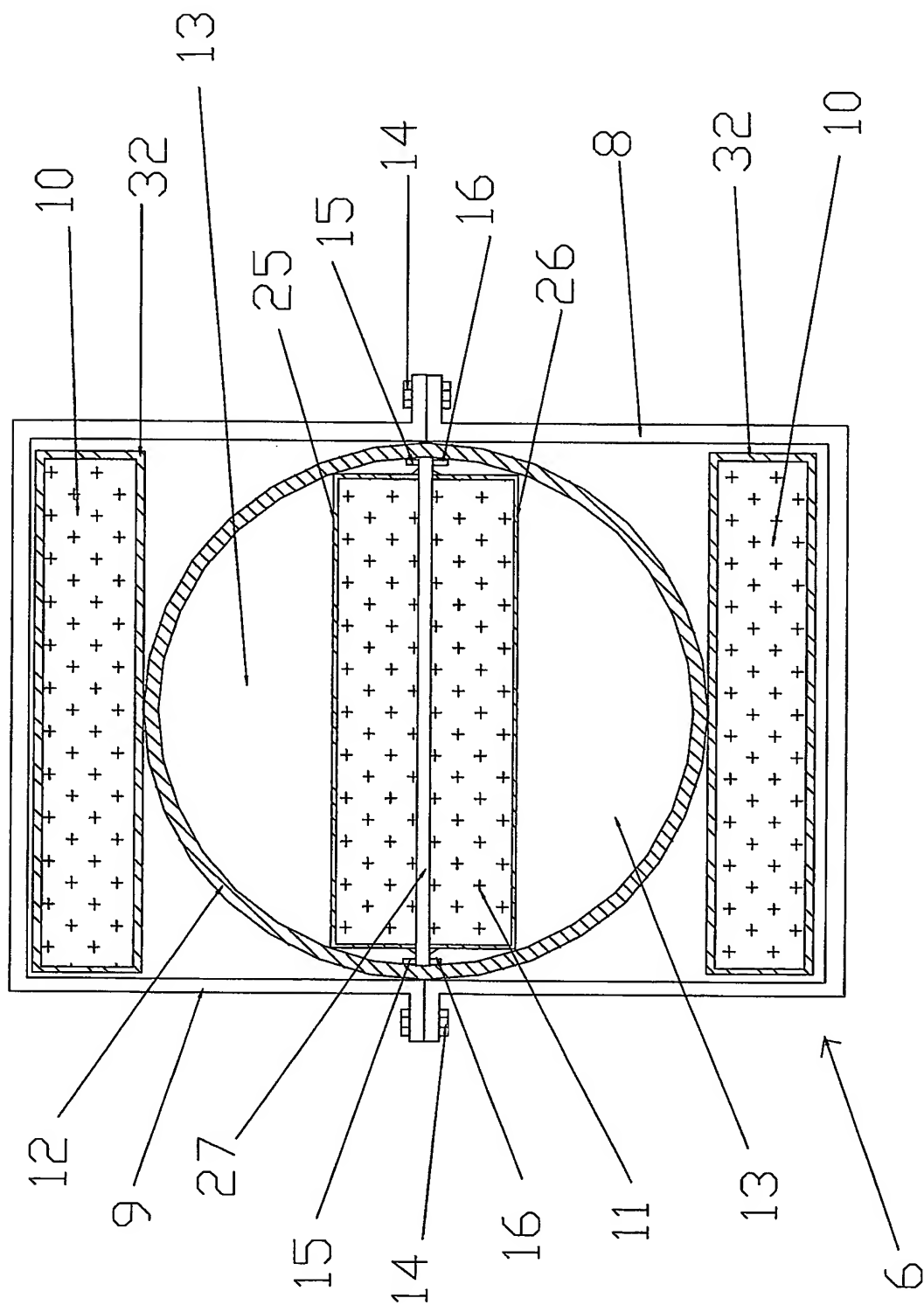


Figure 21

51/54

Figure 22



52/54

Figure 23

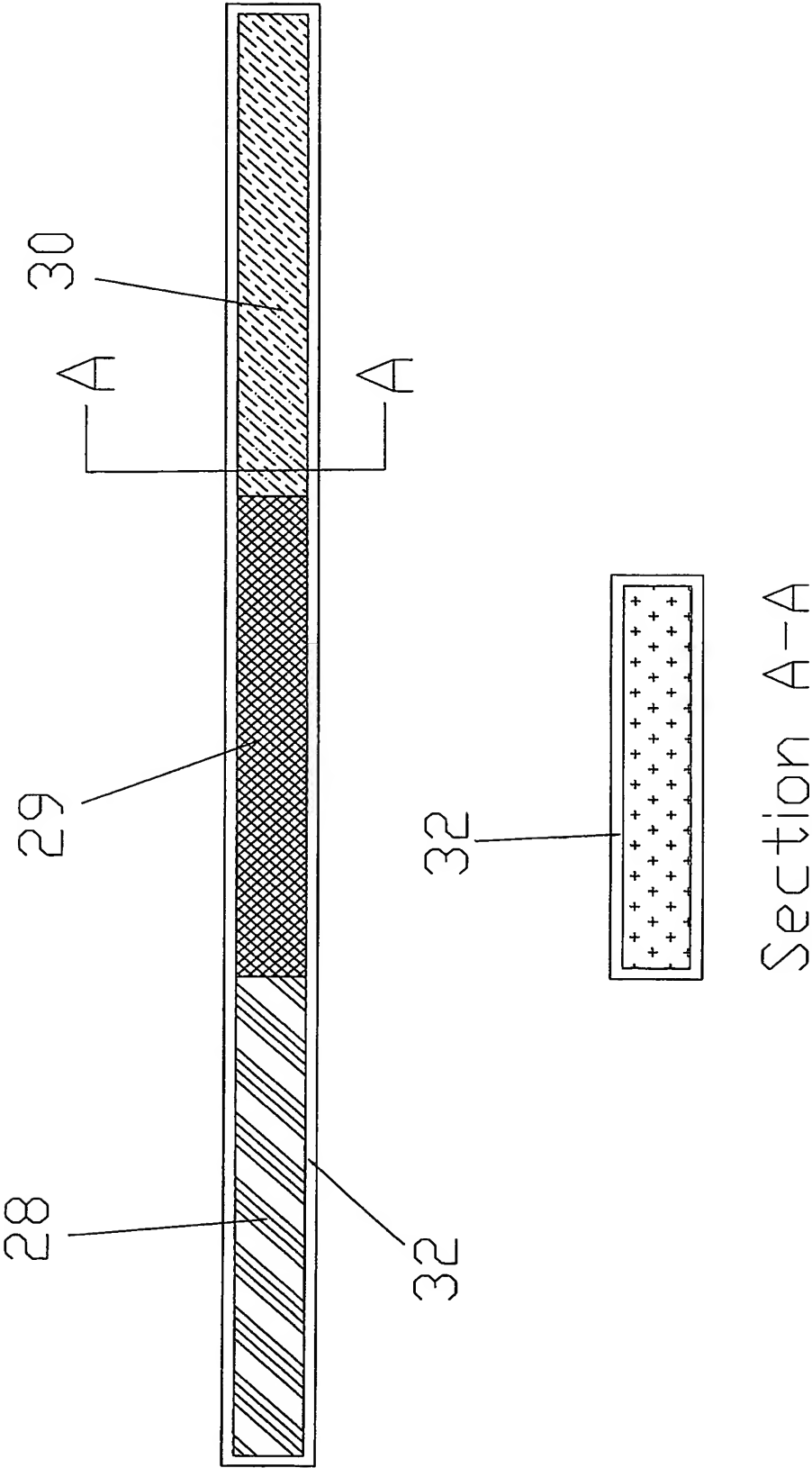
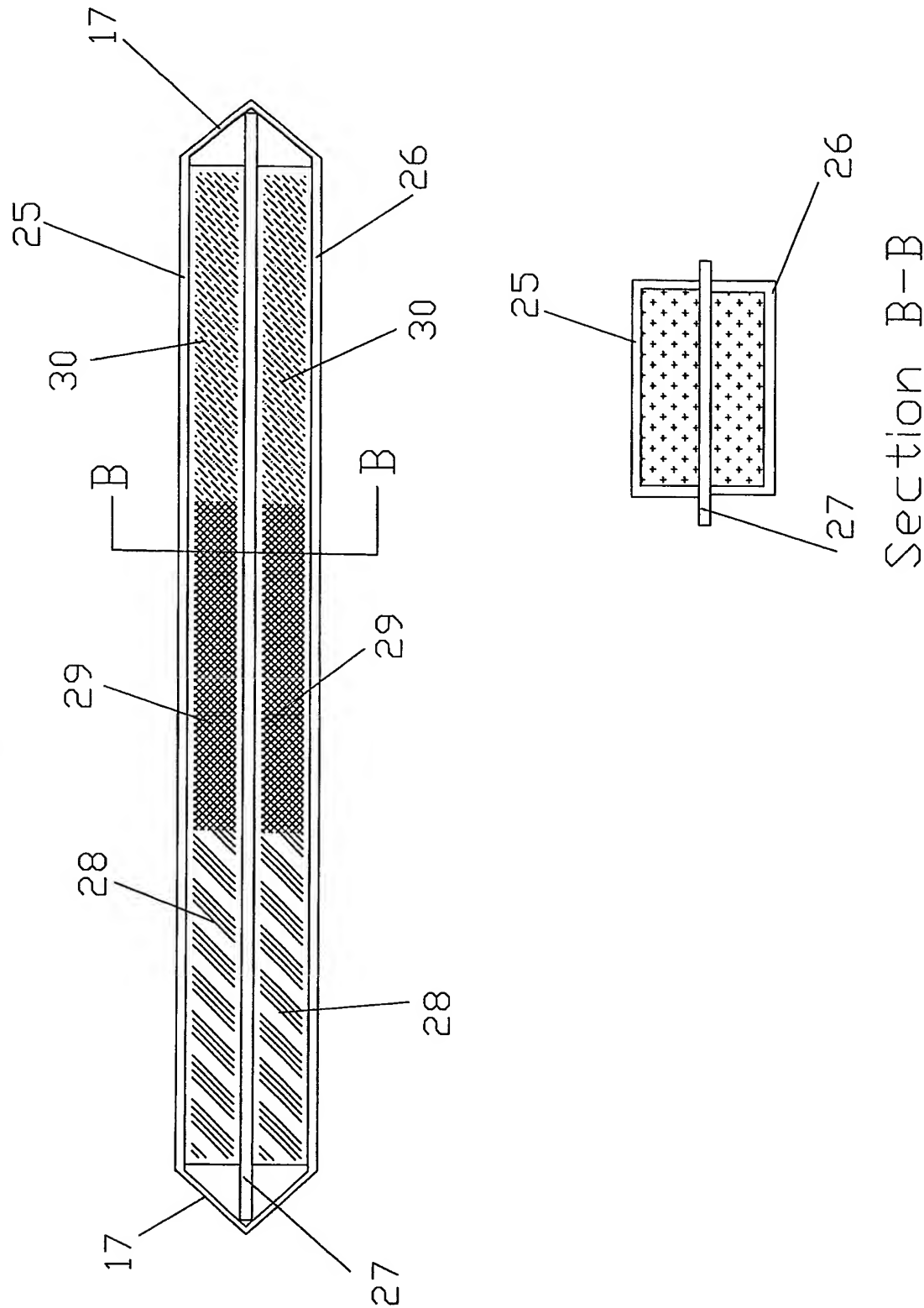
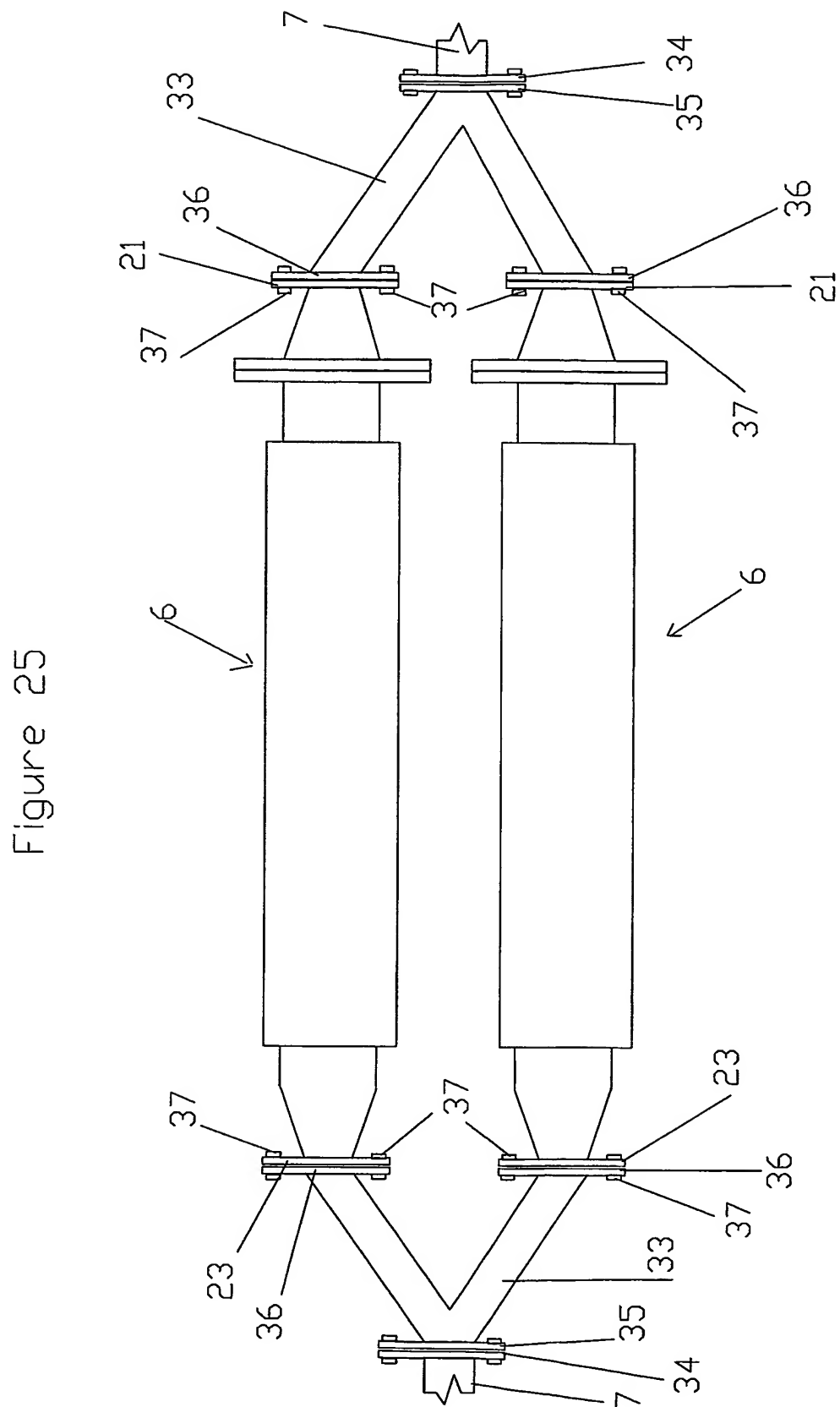


Figure 24



54/54



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record.

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☒ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.